

EM132 – Improved ESBL Detection Ezy MIC™ Strip (MIX/ MIX+)

- Ceftazidime & Cefotaxime (MIX) - Ceftazidime, Cefotaxime & Clavulanic acid (MIX+)

EM133 – Improved AmpC Detection Ezy MIC™ Strip (MIX/ MIX+)

- Ceftazidime, Cefotaxime & Cloxacillin (MIX) - Ceftazidime, Cefotaxime, Cloxacillin & Clavulanic acid (MIX+)

EM134 – MBL plus ESBL Detection Ezy MIC™ Strip (ESBL/ ESBL+)

- Ceftazidime, Cefotaxime & EDTA (ESBL) - Ceftazidime, Cefotaxime, EDTA & Clavulanic acid (ESBL+)

EM135 – MBL plus AmpC Detection Ezy MIC™ Strip (AmpC/ AmpC +)

- Ceftazidime, Cefotaxime, Cloxacillin & EDTA (AmpC) + Ceftazidime, Cefotaxime, EDTA, Cloxacillin & Clavulanic acid (AmpC+)

To detect coexistence
of ESBL, AmpC & MBL

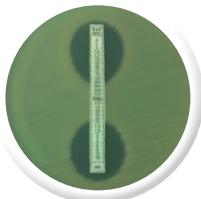
Ezy MIC™ STRIPS
MIC Determination Strips

Ezy MIC™ STRIPS

MICROBIOLOGY PRODUCTS

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ESBL -ve



ESBL +ve

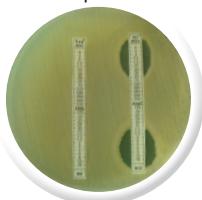


ESBL(non conclusive)

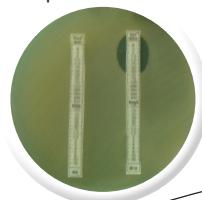


Test for ESBL Detection (Using EM132)

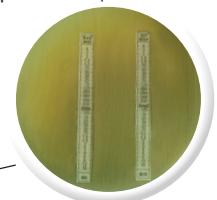
AmpC +ve



AmpC + ESBL +ve



AmpC & ESBL (non conclusive)

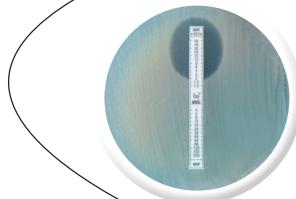


Test for AmpC Detection using EM132 & EM133

MBL -ve



MBL +ve



Test for Detection of Co-existence of MBL enzyme with ESBL & / or AmpC enzyme using EM134 & EM135

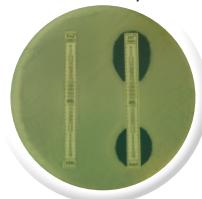
Pure MBL



MBL + ESBL



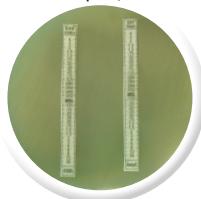
MBL + AmpC



MBL + ESBL + AmpC



MBL, ESBL & AmpC (non conclusive)





Your perfect choice of AST for in-vitro determination of antibiograms and minimum inhibitory concentration (MIC) of antibiotics against microbes.
It includes Sensitivity Discs, which are available as Single Discs and Multi Discs (combination of antibiotics) - Hexa, Octo, Dodeca and Icosa Discs. HiComb™ MIC Strips and Ezy MIC™ Strips to determine MIC of single, dual or multiple antibiotics using simplest technologies.

ANTIMICROBIAL SUSCEPTIBILITY TESTING SYSTEMS

MICROBIOLOGY PRODUCTS



Product	Prefix	Page
• Ezy MIC™ Strips	EM	
» Antibacterial Ezy MIC™ Strips (Single)		225-231
» ESBL Detection Ezy MIC™ Strips		231
» AmpC Detection Ezy MIC™ Strips		232
» MBL - ESBL - AmpC Detection Ezy MIC™ Strips		232
» MBL - Detection Ezy MIC™ Strips		232
» KPC Detection Ezy MIC™ Strips		233
» Dual Ezy MIC™ Strips		233
» Antifungal Ezy MIC™ Strips (Single)		233-234
• HiComb™ MIC Test (Antibacterial & Antifungal)	MD	235-239
Antimicrobial Sensitivity Discs	SD	
» Discs as per CLSI and EUCAST standards (Antibacterial & Antifungal agents)		240-244
» Discs only as per EUCAST standard		245
» Non CLSI & Non EUCAST discs		246-251

Product	Prefix	Page
• Hexa Discs™	HX	252-256
• Octo Discs™	OD	257-263
• Dodeca Discs™	DE	264-268
• Icosa Discs™	IC	269-270
• Zone Size Interpretative Chart (As per CLSI & EUCAST Standards)		271-279
• Quality Control Limits (For Concentration not as per CLSI & EUCAST)		280-281
• MIC Interpretation Chart (For Ezy MIC™ Strips & HiCromb™ MIC Test)		282-292

Factors affecting the performance of Sensitivity Discs

Effects of medium components

The quality of the medium plays major role in antimicrobial susceptibility system. Free electrolyte present in the medium can affect sensitivity of few antimicrobial agents. Hence, Mueller Hinton Agar should be monitored to make sure that it contains acceptable concentrations of divalent cations such as Ca^{++} and Mg^{++} as the increased concentration of Ca^{++} and Mg^{++} results in decreased activity of Aminoglycosides and Tetracyclines whereas the decreased concentration of Ca^{++} and Mg^{++} will have the opposite effect.

If Mueller Hinton Agar contains excessive amounts of thymine or thymidine content, they will reversibly inhibit the action of certain antimicrobial agents such as Sulfonamides, Trimethoprim, Trimethoprim-Sulphomethoxazole etc. which gives smaller or less distinct or even no zones and will be misinterpreted as resistant antibiotics. If zone of inhibition of Sulfonamides, Trimethoprim, Trimethoprim-Sulphomethoxazole will be ≤ 20 mm for *E. faecalis* ATCC 29212 can interpret as medium contains high thymine or thymidine content. Mueller Hinton Agar is low in thymine and thymidine content and it can be used successfully to study the susceptibility of antibiotics.

pH of medium

The pH of the prepared medium is one of the important parameter of disc diffusion method. The pH of prepared medium should fall within acceptable range which is 7.2 to 7.4 as per CLSI. If the pH is outside the stated parameters the zone sizes will be altered, with the degree of alteration determined by the antibiotic group.

For e.g. an increase in pH will results in a decrease in Penicillins and Tetracyclines zones and increase in quinolones, macrolids and aminoglycosides zone; conversely, decrease in pH will results in increase in Penicillins and Tetracyclines zones and decrease in quinolones, macrolids and aminoglycosides zone; pH should perform as a part of the routine quality control tests for each batch of medium prepared.

Depth of agar medium in petri plates

For antimicrobial activity, growth rate of the test organism affects the rate of diffusion of the antimicrobial agent. Hence it is advisable to pour the plates on uniform bench to achieve depth of 4 to 5 mm (Usually 70 ml medium for 150 mm Petri plate, 25 to 30 ml medium for 100 mm Petri plate and 20 to 25 ml medium for 90 mm Petri plate). Variation in depth of medium will affect the zone of inhibition which can give false positive or negative results.

For e.g. If the depth of agar is too thin, larger zones will appear as the antimicrobial compound will diffuse further than it should. If the depth of agar is too thick, smaller zones will appear as the diffusion of antimicrobial agent will be restricted.

Inoculum level

The inoculum level is also one of the most important, and variable factors in susceptibility testing, and will have a profound effect on the zone size obtained. The zone edge is determined when the critical mass is achieved. If the inoculum is heavy, then the critical mass will be achieved in a shorter time and the zone will be smaller. If the inoculum is light, the critical mass takes longer to develop, the antibiotic diffuses further and a larger zone is achieved. It is advisable to use a technique which yields a uniform suspension of correct number of organisms i.e. 10^5 - 10^6 cells/ml. Even if the density of culture is adjusted due to improper inoculation false results could be obtained. Inoculation method includes correct & even swabbing of plates & correct placement of discs.

Incubation

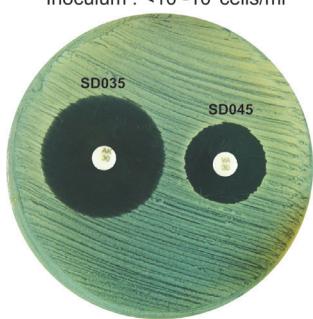
Incubation for correct time and correct temperature is also very important parameter. Incubation at temperature above 35°C may fail to detect Methicillin Resistant Staphylococci. At temperatures lower than 35°C, the rate of growth of most bacteria is prolonged; also antimicrobial agents diffuse more slowly. Increased CO₂ atmosphere results in decreased pH, which affects the activity of some antimicrobial agents. The plates should therefore be incubated in ambient air atmosphere unless CO₂ is necessary for the growth of the organisms. Hence, calibration of instruments is a must at all stages.

Disc Storage

The antibiotic discs must be stored according to manufacturer's instructions i.e. between -20°C and +8°C in a sealed, desiccated environment. Cartridges not in use should be stored unopened in their original packaging in order to prevent moisture ingress. This is extremely important since it is well known that moisture is a major cause of antibiotic degradation. Opened cartridges must be refrigerated and sealed in the disc dispenser or other suitable container when not in use. Opened cartridges should not be stored for more than one week; cartridges containing β -lactamase inhibitors (e.g. clavulanic acid, tazobactam and sulbactam) are particularly susceptible to moisture which may results in degradation of antibiotics.

Effect of Inoculum level

Inoculum : $<10^5$ - 10^6 cells/ml



Observed zone : SD035 - 30mm
SD045 - 24mm

Inoculum : 10^5 - 10^6 cells/ml



Observed zone : SD035 - 23mm
SD045 - 20mm

Inoculum : $>10^5$ - 10^6 cells/ml



Observed zone : SD035 - 19mm
SD045 - 16mm

Ezy MIC™ STRIPS

MIC DETERMINATION STRIPS

Ezy MIC™ Strip is a thin, inert and porous paper strip coated with antibiotic. Both sides of the strip are likewise printed with the MIC reading scale in mcg/ml and the two or three-letter symbol printed on the top of the strip helps in easy identification of the antibiotic. A predefined exponential gradient of antibiotic, dried and stabilized, is immobilized on either sides of the strip with the concentration maximum at one end and minimum at the other. The gradient covers a continuous concentration range across 15 two-fold dilutions of a conventional MIC method.

- Determines the MIC of fastidious, slow-growing or nutritionally deficient micro-organisms, or for a specific type of patient or infection.
- Confirms/ detects a specific resistant phenotype e.g. ES, MBL, VISA/hVISA, AmpC, MRSA, HLAR.
- Detects low levels of resistance.
- Provides high medical value to critical care cases to, refine or guide treatment decisions. Also helps in determining the choice and dosage of antimicrobials in patients with sterile site infections (e.g. endocarditic), severe nosocomial infections, chronic infections (e.g. cystic fibrosis) and immuno suppressed patients.
- Promotes antibiotic stewardship.



Product	Symbol	Code	Packing	Product	Symbol	Code	Packing
Antibacterial Ezy MIC™ Strips							
Amikacin	AMK	EM001-10ST EM001-30ST EM001-60ST EM001-90ST EM001-120ST EM001-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Amoxiclav	AUG	EM139-10ST EM139-30ST EM139-60ST EM139-90ST EM139-120ST EM139-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Amikacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				Range in µg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Amoxiclav (Amoxicillin & Clavulanic acid) on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Amoxicillin	AMX	EM002-10ST EM002-30ST EM002-60ST EM002-90ST EM002-120ST EM002-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ampicillin	AMP	EM068-10ST EM068-30ST EM068-60ST EM068-90ST EM068-120ST EM068-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Amoxicillin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				Range in µg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Ampicillin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Amoxyclov (2:1) (Amoxicillin/Clavulanic Acid)	AMC	EM003-10ST EM003-30ST EM003-60ST EM003-90ST EM003-120ST EM003-150ST	10ST 30ST 60ST 90ST 120ST 150ST	AST			
Range in µg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Amoxyclov (Amoxicillin & Clavulanic Acid) on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				AST			

Customer specific ranges of antibiotic other than the ones available can be designed as per the requirements.

* On receipt store at -20°C. On receipt all the other products to be stored between -20°C to 8°C.
For prolonged use, store at or below -20°C.

Product	Symbol	Code	Packing
*Ampicillin/Sulbactam (2:1)	AMS	EM109-10ST EM109-30ST EM109-60ST EM109-90ST EM109-120ST EM109-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Ampicillin & Sulbactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Ampicillin/Sulbactam	SAM	EM140-10ST EM140-30ST EM140-60ST EM140-90ST EM140-120ST EM140-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Ampicillin/Sulbactam (4mcg/ml) (As per EUCAST)			
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Ampicillin & Sulbactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Azithromycin	AZI	EM004-10ST EM004-30ST EM004-60ST EM004-90ST EM004-120ST EM004-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Azithromycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Aztreonam	AZT	EM006-10ST EM006-30ST EM006-60ST EM006-90ST EM006-120ST EM006-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Aztreonam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Bacitracin	BAC	EM126-10ST EM126-30ST EM126-60ST EM126-90ST EM126-120ST EM126-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Bacitracin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefaclor	CEC	EM107-10ST EM107-30ST EM107-60ST EM107-90ST EM107-120ST EM107-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefaclor on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefazolin	CFZ	EM008-10ST EM008-30ST EM008-60ST EM008-90ST EM008-120ST EM008-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefazolin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefdinir	CDR	EM009-10ST EM009-30ST EM009-60ST EM009-90ST EM009-120ST EM009-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefdinir on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			

Product	Symbol	Code	Packing
*Cefepime	CPM	EM070-10ST EM070-30ST EM070-60ST EM070-90ST EM070-120ST EM070-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefepime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefepime/Tazobactam	CPT	EM093-10ST EM093-30ST EM093-60ST EM093-90ST EM093-120ST EM093-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefepime & Tazobactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefixime	FIX	EM110-10ST EM110-30ST EM110-60ST EM110-90ST EM110-120ST EM110-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefixime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefixime/Clavulanic acid	FIC	EM148-10ST EM148-30ST EM148-60ST EM148-90ST EM148-120ST EM148-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefixime & Clavulanic acid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefmetazole	CMZ	EM114-10ST EM114-30ST EM114-60ST EM114-90ST EM114-120ST EM114-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefmetazole on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefonicid	CID	EM113-10ST EM113-30ST EM113-60ST EM113-90ST EM113-120ST EM113-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefonicid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefoperazone	CFP	EM112-10ST EM112-30ST EM112-60ST EM112-90ST EM112-120ST EM112-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefoperazone on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Cefoperazone/Sulbactam (2:1)	CPS	EM094-10ST EM094-30ST EM094-60ST EM094-90ST EM094-120ST EM094-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml			
A unique MIC determination paper strip which is coated with Cefoperazone & Sulbactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			

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Product	Symbol	Code	Packing	Product	Symbol	Code	Packing
*Cefotaxime	CTX	EM100-10ST EM100-30ST EM100-60ST EM100-90ST EM100-120ST EM100-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftazidime	CAZ	EM012-10ST EM012-30ST EM012-60ST EM012-90ST EM012-120ST EM012-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.002 - 32 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefotaxime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftazidime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefotaxime	CTX	EM064-10ST EM064-30ST EM064-60ST EM064-90ST EM064-120ST EM064-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftazidime/Tazobactam	CAT	EM149-10ST EM149-30ST EM149-60ST EM149-90ST EM149-120ST EM149-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefotaxime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftazidime & Tazobactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefotetan	CTN	EM105-10ST EM105-30ST EM105-60ST EM105-90ST EM105-120ST EM105-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftizoxime	ZOX	EM123-10ST EM123-30ST EM123-60ST EM123-90ST EM123-120ST EM123-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefotetan on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftizoxime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefoxitin	FOX	EM101-10ST EM101-30ST EM101-60ST EM101-90ST EM101-120ST EM101-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftriaxone	CTR	EM013-10ST EM013-30ST EM013-60ST EM013-90ST EM013-120ST EM013-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.002 - 32 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefoxitin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftriaxone on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefpirome	CR	EM011-10ST EM011-30ST EM011-60ST EM011-90ST EM011-120ST EM011-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftriaxone	CTR	EM066-10ST EM066-30ST EM066-60ST EM066-90ST EM066-120ST EM066-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefpirome on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftriaxone on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefpodoxime	CPD	EM129-10ST EM129-30ST EM129-60ST EM129-90ST EM129-120ST EM129-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Ceftriaxone/Sulbactam (2:1)	CTS	EM097-10ST EM097-30ST EM097-60ST EM097-90ST EM097-120ST EM097-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefpodoxime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Ceftriaxone & Sulbactam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Cefpodoxime/Clavulanic acid	CPC	EM138-10ST EM138-30ST EM138-60ST EM138-90ST EM138-120ST EM138-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Cefuroxime	CXM	EM102-10ST EM102-30ST EM102-60ST EM102-90ST EM102-120ST EM102-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefpodoxime & Clavulanic acid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Cefuroxime on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
*Cefprozil	CPR	EM130-10ST EM130-30ST EM130-60ST EM130-90ST EM130-120ST EM130-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Cephalothin	CEP	EM106-10ST EM106-30ST EM106-60ST EM106-90ST EM106-120ST EM106-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Cefprozil on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Cephalothin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	

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For prolonged use, store at or below -20°C.

Antimicrobial Susceptibility Testing - Ezy MIC™ Strips



Product	Symbol	Code	Packing
Chloramphenicol	CHL	EM016-10ST EM016-30ST EM016-60ST EM016-90ST EM016-120ST EM016-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Chloramphenicol on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Ciprofloxacin	CIP	EM017-10ST EM017-30ST EM017-60ST EM017-90ST EM017-120ST EM017-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Ciprofloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Ciprofloxacin	CPH	EM082-10ST EM082-30ST EM082-60ST EM082-90ST EM082-120ST EM082-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Ciprofloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Clarithromycin	CLR	EM018-10ST EM018-30ST EM018-60ST EM018-90ST EM018-120ST EM018-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Clarithromycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Clindamycin	CLI	EM019-10ST EM019-30ST EM019-60ST EM019-90ST EM019-120ST EM019-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Clindamycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Colistin	CL	EM020-10ST EM020-30ST EM020-60ST EM020-90ST EM020-120ST EM020-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Colistin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Co-Trimoxazole (1:19) (Trimethoprim/Sulfamethoxazole)	COT	EM021-10ST EM021-30ST EM021-60ST EM021-90ST EM021-120ST EM021-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Co-Trimoxazole (Trimethoprim & Sulfamethoxazole) on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Co-Trimoxazole (1:19) (Trimethoprim/Sulfamethoxazole)	TSH	EM083-10ST EM083-30ST EM083-60ST EM083-90ST EM083-120ST EM083-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Co-Trimoxazole (Trimethoprim & Sulfamethoxazole) on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			

Product	Symbol	Code	Packing
Daptomycin	DAP	EM088-10ST EM088-30ST EM088-60ST EM088-90ST EM088-120ST EM088-150ST	10ST 30ST 60ST 90ST 120ST 150ST
(Supplemented with Calcium ions) Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Daptomycin along with Calcium ions on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Doripenem	DOR	EM090-10ST EM090-30ST EM090-60ST EM090-90ST EM090-120ST EM090-150ST	10ST 30ST 60ST 90ST 120ST 150ST
A unique MIC determination paper strip which is coated with Doripenem on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Doxycycline	DOX	EM103-10ST EM103-30ST EM103-60ST EM103-90ST EM103-120ST EM103-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Doxycycline on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Enrofloxacin	EFX	EM115-10ST EM115-30ST EM115-60ST EM115-90ST EM115-120ST EM115-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Enrofloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Ertapenem	ETP	EM085-10ST EM085-30ST EM085-60ST EM085-90ST EM085-120ST EM085-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Ertapenem on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Erythromycin	ERY	EM022-10ST EM022-30ST EM022-60ST EM022-90ST EM022-120ST EM022-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.016 - 256 mcg/ml A unique MIC determination paper strip which is coated with Erythromycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Faropenem	FAR	EM091-10ST EM091-30ST EM091-60ST EM091-90ST EM091-120ST EM091-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in μg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Faropenem on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Fosfomycin	FOS	EM108-10ST EM108-30ST EM108-60ST EM108-90ST EM108-120ST EM108-150ST	10ST 30ST 60ST 90ST 120ST 150ST
(Supplemented with Glucose-6-phosphate) Range in μg : 0.064 - 1024 mcg/ml A unique MIC determination paper strip which is coated with Fosfomycin along with Glucose-6-phosphate on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			

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Product	Symbol	Code	Packing	Product	Symbol	Code	Packing
Fusidic Acid	FC	EM023-10ST EM023-30ST EM023-60ST EM023-90ST EM023-120ST EM023-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Linezolid	LNZ	EM029-10ST EM029-30ST EM029-60ST EM029-90ST EM029-120ST EM029-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Fusidic Acid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Linezolid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Gatifloxacin	GAT	EM024-10ST EM024-30ST EM024-60ST EM024-90ST EM024-120ST EM024-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Mecillinam	MEC	EM124-10ST EM124-30ST EM124-60ST EM124-90ST EM124-120ST EM124-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.002 - 32 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Gatifloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Mecillinam on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Gemifloxacin	GEM	EM076-10ST EM076-30ST EM076-60ST EM076-90ST EM076-120ST EM076-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*Meropenem	MRP	EM080-10ST EM080-30ST EM080-60ST EM080-90ST EM080-120ST EM080-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.002 - 32 mcg/ml				Range in µg : 0.002 - 32 mcg/ml	
		A unique MIC determination paper strip which is coated with Gemifloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Meropenem on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Gentamicin	GEN	EM025-10ST EM025-30ST EM025-60ST EM025-90ST EM025-120ST EM025-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Metronidazole	MTZ	EM128-10ST EM128-30ST EM128-60ST EM128-90ST EM128-120ST EM128-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Gentamicin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Metronidazole on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Gentamicin	HLG	EM061-10ST EM061-30ST EM061-60ST EM061-90ST EM061-120ST EM061-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Minocycline	MIN	EM032-10ST EM032-30ST EM032-60ST EM032-90ST EM032-120ST EM032-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.064 - 1024 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Gentamicin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Minocycline on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
#Imipenem	IPM	EM104-10ST EM104-30ST EM104-60ST EM104-90ST EM104-120ST EM104-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Moxifloxacin	MXF	EM033-10ST EM033-30ST EM033-60ST EM033-90ST EM033-120ST EM033-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.002 - 32 mcg/ml				Range in µg : 0.002 - 32 mcg/ml	
		A unique MIC determination paper strip which is coated with Imipenem on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Moxifloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Kanamycin	KAN	EM026-10ST EM026-30ST EM026-60ST EM026-90ST EM026-120ST EM026-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Mupirocin	MUP	EM087-10ST EM087-30ST EM087-60ST EM087-90ST EM087-120ST EM087-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.016 - 256 mcg/ml				Range in µg : 0.064 - 1024 mcg/ml	
		A unique MIC determination paper strip which is coated with Kanamycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Mupirocin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	
Levofloxacin	LEV	EM027-10ST EM027-30ST EM027-60ST EM027-90ST EM027-120ST EM027-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Nalidixic acid	NAL	EM035-10ST EM035-30ST EM035-60ST EM035-90ST EM035-120ST EM035-150ST	10ST 30ST 60ST 90ST 120ST 150ST
		Range in µg : 0.002 - 32 mcg/ml				Range in µg : 0.016 - 256 mcg/ml	
		A unique MIC determination paper strip which is coated with Levofloxacin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.				A unique MIC determination paper strip which is coated with Nalidixic acid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.	

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Product	Symbol	Code	Packing
Netilmicin	NET	EM095-10ST EM095-30ST EM095-60ST EM095-90ST EM095-120ST EM095-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Nitrofurantoin	NIT	EM037-10ST EM037-30ST EM037-60ST EM037-90ST EM037-120ST EM037-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Norfloxacin	NOR	EM038-10ST EM038-30ST EM038-60ST EM038-90ST EM038-120ST EM038-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Oflloxacin	OFX	EM039-10ST EM039-30ST EM039-60ST EM039-90ST EM039-120ST EM039-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Oxacillin	OXA	EM065-10ST EM065-30ST EM065-60ST EM065-90ST EM065-120ST EM065-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Penicillin	PEN	EM084-10ST EM084-30ST EM084-60ST EM084-90ST EM084-120ST EM084-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Penicillin	PEN	EM062-10ST EM062-30ST EM062-60ST EM062-90ST EM062-120ST EM062-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Piperacillin	PIP	EM041-10ST EM041-30ST EM041-60ST EM041-90ST EM041-120ST EM041-150ST	10ST 30ST 60ST 90ST 120ST 150ST

Product	Symbol	Code	Packing
*Piperacillin/Tazobactam	PTZ	EM042-10ST EM042-30ST EM042-60ST EM042-90ST EM042-120ST EM042-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Polymixin B	PB	EM043-10ST EM043-30ST EM043-60ST EM043-90ST EM043-120ST EM043-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Pristinomycin (Quinupristin/Dalfopristin)	QDA	EM044-10ST EM044-30ST EM044-60ST EM044-90ST EM044-120ST EM044-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Rifampicin	RIF	EM045-10ST EM045-30ST EM045-60ST EM045-90ST EM045-120ST EM045-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Roxithromycin	ROX	EM046-10ST EM046-30ST EM046-60ST EM046-90ST EM046-120ST EM046-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Sparfloxacin	SPA	EM047-10ST EM047-30ST EM047-60ST EM047-90ST EM047-120ST EM047-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Streptomycin	STR	EM048-10ST EM048-30ST EM048-60ST EM048-90ST EM048-120ST EM048-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Sulbactam	SUL	EM131-10ST EM131-30ST EM131-60ST EM131-90ST EM131-120ST EM131-150ST	10ST 30ST 60ST 90ST 120ST 150ST

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Product	Symbol	Code	Packing
Teicoplanin	TEI	EM055-10ST EM055-30ST EM055-60ST EM055-90ST EM055-120ST EM055-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Teicoplanin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Tetracycline	TET	EM056-10ST EM056-30ST EM056-60ST EM056-90ST EM056-120ST EM056-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Tetracycline on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Ticarcillin	TIC	EM057-10ST EM057-30ST EM057-60ST EM057-90ST EM057-120ST EM057-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Ticarcillin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
*Ticarcillin/Clavulanic Acid	TCC	EM125-10ST EM125-30ST EM125-60ST EM125-90ST EM125-120ST EM125-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Ticarcillin & Clavulanic Acid on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Tigecycline	TGC	EM089-10ST EM089-30ST EM089-60ST EM089-90ST EM089-120ST EM089-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Tigecycline on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Tobramycin	TOB	EM058-10ST EM058-30ST EM058-60ST EM058-90ST EM058-120ST EM058-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Tobramycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Trimethoprim	TMP	EM059-10ST EM059-30ST EM059-60ST EM059-90ST EM059-120ST EM059-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.002 - 32 mcg/ml		
A unique MIC determination paper strip which is coated with Trimethoprim on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			
Vancomycin	VAN	EM060-10ST EM060-30ST EM060-60ST EM060-90ST EM060-120ST EM060-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg :	0.016 - 256 mcg/ml		
A unique MIC determination paper strip which is coated with Vancomycin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.			

Product	Symbol	Code	Packing
ESBL Detection Multi Ezy MIC™ Strips			
*Cefepime / Cefepime + Clavulanic acid	CPM + / CPM	EM116-10ST EM116-30ST EM116-60ST EM116-90ST EM116-120ST EM116-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : CPM+ : Cefepime with Clavulanic acid : 0.064 - 4 CPM : Cefepime : 0.25 - 16			
For ESBL detection : A unique phenotypic detection strip which is coated with Cefepime + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with cefepime in a reverse direction.			
*Cefotaxime / Cefotaxime + Clavulanic acid	CTX + / CTX	EM099-10ST EM099-30ST EM099-60ST EM099-90ST EM099-120ST EM099-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : CTX+ : Cefotaxime with Clavulanic acid: 0.016 - 1 CTX : Cefotaxime : 0.25-16			
For ESBL detection : A unique phenotypic detection strip which is coated with Cefotaxime + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Cefotaxime in a reverse direction.			
*Ceftazidime / Ceftazidime + Clavulanic acid	CAZ + / CAZ	EM098-10ST EM098-30ST EM098-60ST EM098-90ST EM098-120ST EM098-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : CAZ+ : Ceftazidime with Clavulanic acid: 0.064 - 4 CAZ : Ceftazidime : 0.5 - 32			
For ESBL detection : A unique phenotypic detection strip which is coated with Ceftazidime + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftazidime in a reverse direction.			
*Ceftriaxone / Ceftriaxone + Clavulanic acid	CTR + / CTR	EM117-10ST EM117-30ST EM117-60ST EM117-90ST EM117-120ST EM117-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : CTR+ : Ceftriaxone with Clavulanic acid : 0.016 - 1 CTR : Ceftriaxone : 0.25 - 16			
For ESBL detection : A unique phenotypic detection strip which is coated with Ceftriaxone + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftriaxone in a reverse direction.			
*Improved ESBL Detection Strip	MIX + / MIX	EM132-10ST EM132-30ST EM132-60ST EM132-90ST EM132-120ST EM132-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : MIX+ : Ceftazidime, Cefotaxime, mixture with Clavulanic acid : 0.032- 4 MIX : Ceftazidime, Cefotaxime mixture : 0.125-16			
For ESBL detection : A unique phenotypic detection strip which is coated with Ceftazidime & Cefotaxime mixture + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftazidime & Cefotaxime mixture in a reverse direction.			

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Antimicrobial Susceptibility Testing - Ezy MIC™ Strips



Product	Symbol	Code	Packing	Product	Symbol	Code	Packing
AmpC Detection Multi Ezy MIC™ Strips							
*Cefotetan / Cefotetan + Cloxacillin Range : CTN+ : Cefotetan with Cloxacillin : 0.5 - 32 mcg/ml CTN : Cefotetan : 0.5 - 32 mcg/ml For AmpC Detection : A unique phenotypic detection strip which is coated with Cefotetan + Cloxacillin on upper half with highest concentration tapering downward whereas lower half is coated with Cefotetan in a reverse direction.	CTN+ / CTN	EM127-10ST EM127-30ST EM127-60ST EM127-90ST EM127-120ST EM127-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*MBL Plus AmpC Detection Strip Range : AmpC+ : Ceftazidime, Cefotaxime, Cloxacillin & EDTA with Clavulanic acid : 0.032- 4 AmpC : Ceftazidime, Cefotaxime, Cloxacillin & EDTA : 0.125-16 For MBL, ESBL & AmpC Detection : A unique phenotypic detection strip which is coated with Ceftazidime, Cefotaxime & Cloxacillin mixture + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftazidime, Cefotaxime & Cloxacillin mixture in a reverse direction.	AmpC+ / AmpC	EM135-10ST EM135-30ST EM135-60ST EM135-90ST EM135-120ST EM135-150ST	10ST 30ST 60ST 90ST 120ST 150ST
*Improved AmpC Detection Strip Range : MIX+ : Ceftazidime, Cefotaxime & Cloxacillin mixture with Clavulanic acid : 0.032- 4 MIX : Ceftazidime, Cefotaxime & Cloxacillin mixture : 0.125-16 For ESBL & AmpC Detection: A unique phenotypic detection strip which is coated with Ceftazidime, Cefotaxime & Cloxacillin mixture + Clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftazidime, Cefotaxime & Cloxacillin mixture in a reverse direction.	MIX + / MIX	EM133-10ST EM133-30ST EM133-60ST EM133-90ST EM133-120ST EM133-150ST	10ST 30ST 60ST 90ST 120ST 150ST	*MBL-ESBL-AmpC Co-existence Detection Ezy MIC™ Kit Kit Content : 10 strips each of EM134 - MBL plus ESBL Detection Strip EM135 - MBL plus AmpC Detection Strip	EM137-1KT		1KIT
*ESBL- AmpC Co-existence Detection Ezy MIC™ Kit Kit Content : 10 strips each of EM132 - Improved ESBL Detection Strip EM133 - Improved AmpC Detection Strip		EM136-1KT	1KIT				
MBL Detection Dual Ezy MIC™ Strips							
*MBL Plus ESBL Detection Strip Range : ESBL+ : Ceftazidime, Cefotaxime & EDTA with Clavulanic acid : 0.032- 4 ESBL : Ceftazidime, Cefotaxime & EDTA : 0.125-16 For MBL + ESBL Detection : A unique phenotypic detection strip which is coated with Ceftazidime, Cefotaxime, EDTA mixture + clavulanic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ceftazidime, Cefotaxime, EDTA mixture in a reverse direction.	ESBL+/ ESBL	EM134-10ST EM134-30ST EM134-60ST EM134-90ST EM134-120ST EM134-150ST	10ST 30ST 60ST 90ST 120ST 150ST	#Imipenem with & without EDTA Range : Imipenem+EDTA : 1 - 64 Imipenem: 4 - 256 For MBL detection : A unique phenotypic detection strip which is coated with Imipenem + EDTA on upper half with highest concentration tapering downward whereas lower half is coated with Imipenem in a reverse direction.	IPM+EDTA / IPM	EM078-10ST EM078-30ST EM078-60ST EM078-90ST EM078-120ST EM078-150ST	10ST 30ST 60ST 90ST 120ST 150ST
				*Meropenem with & without EDTA Range : Meropenem+EDTA : 1 - 64 Meropenem: 4 - 256 For MBL detection : A unique phenotypic detection strip which is coated with Meropenem + EDTA on upper half with highest concentration tapering downward whereas lower half is coated with Meropenem in a reverse direction.	MRP+EDTA / MRP	EM092-10ST EM092-30ST EM092-60ST EM092-90ST EM092-120ST EM092-150ST	10ST 30ST 60ST 90ST 120ST 150ST

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Product	Symbol	Code	Packing	Product	Symbol	Code	Packing
KPC Detection Ezy MIC™ Strip						Antifungal Ezy MIC™ Strips	
*Ertapenem/ Ertapenem + Boronic acid	ETP+/ ETP	EM141-10ST EM141-30ST EM141-60ST EM141-90ST EM141-120ST EM141-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Amphotericin B	AP	EM071-10ST EM071-30ST EM071-60ST EM071-90ST EM071-120ST EM071-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : ETP+ : Ertapenem + Boronic acid : 0.032-2 ETP: Ertapenem : 0.125 - 8	For KPC Detection : A unique phenotypic detection strip which is coated with Ertapenem + Boronic acid on upper half with highest concentration tapering downward whereas lower half is coated with Ertapenem in a reverse direction.						Range in µg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Amphotericin B on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.
Dual Ezy MIC™ Strips						AST	
*Oxacillin - Vancomycin	OXA / VAN	EM063-10ST EM063-30ST EM063-60ST EM063-90ST EM063-120ST EM063-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Anidulafungin	AND	EM122-10ST EM122-30ST EM122-60ST EM122-90ST EM122-120ST EM122-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : Oxacillin : 0.064 - 8 mcg/ml Vancomycin : 0.19 - 16 mcg/ml	For MRSA detection : MIC strip which is coated with two different antibiotics on a single strip in a concentration gradient manner. The upper half has Oxacillin with a highest concentration tapering downwards, whereas lower half is similarly coated with Vancomycin concentration gradient in reverse direction.						Range in µg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Anidulafungin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.
*Vancomycin - Cefoxitin	VAN / CX	EM077-10ST EM077-30ST EM077-60ST EM077-90ST EM077-120ST EM077-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Caspofungin	CAS	EM119-10ST EM119-30ST EM119-60ST EM119-90ST EM119-120ST EM119-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : Cefoxitin: 0.5 - 64 mcg/ml Vancomycin : 0.19 - 16 mcg/ml	For MRSA detection : MIC strip which is coated with two different antibiotics on a single strip in a concentration gradient manner. The upper half has Vancomycin with a highest concentration tapering downwards, whereas lower half is similarly coated with Cefoxitin concentration gradient.						Range in µg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Caspofungin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.
Vancomycin - Teicoplanin	VAN / TEI	EM111-10ST EM111-30ST EM111-60ST EM111-90ST EM111-120ST EM111-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Clotrimazole	CLO	EM144-10ST EM144-30ST EM144-60ST EM144-90ST EM144-120ST EM144-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range : Vancomycin : 0.5 - 32 mcg/ml Teicoplanin : 0.5 - 32 mcg/ml	For GRD detection : MIC strip which is coated with two different antibiotics on a single strip in a concentration gradient manner. The upper half has Vancomycin with a highest concentration tapering downwards, whereas lower half is similarly coated with Teicoplanin concentration gradient in reverse direction.						Range in µg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Clotrimazole on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.
AST						AST	
Fluconazole	FLC	EM072-10ST EM072-30ST EM072-60ST EM072-90ST EM072-120ST EM072-150ST	10ST 30ST 60ST 90ST 120ST 150ST	Flucytosine	FLU	EM118-10ST EM118-30ST EM118-60ST EM118-90ST EM118-120ST EM118-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Range in µg : 0.016 - 256 mcg/ml	For GRD detection : MIC strip which is coated with Fluconazole on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.						Range in µg : 0.002 - 32 mcg/ml A unique MIC determination paper strip which is coated with Flucytosine on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.
Griseofulvin	GRI	EM143-10ST EM143-30ST EM143-60ST EM143-90ST EM143-120ST EM143-150ST	10ST 30ST 60ST 90ST 120ST 150ST	AST	AST	AST	AST
Range in µg : 0.002 - 32 mcg/ml	For prolonged use, store at or below -20°C.						A unique MIC determination paper strip which is coated with Griseofulvin on a single strip in a concentration gradient manner, capable of showing MIC's in the range of predefined gradient.

Customer specific ranges of antibiotic other than the ones available can be designed as per the requirements.

* On receipt store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

Antimicrobial Susceptibility Testing - Ezy MIC™ Strips



Product	Symbol	Code	Packing
Itraconazole	ITR	EM073-10ST EM073-30ST EM073-60ST EM073-90ST EM073-120ST EM073-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Ketoconazole	KET	EM074-10ST EM074-30ST EM074-60ST EM074-90ST EM074-120ST EM074-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Micafungin	MYC	EM121-10ST EM121-30ST EM121-60ST EM121-90ST EM121-120ST EM121-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Miconazole	MIC	EM146-10ST EM146-30ST EM146-60ST EM146-90ST EM146-120ST EM146-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Nystatin	NYT	EM145-10ST EM145-30ST EM145-60ST EM145-90ST EM145-120ST EM145-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Posaconazole	POS	EM120-10ST EM120-30ST EM120-60ST EM120-90ST EM120-120ST EM120-150ST	10ST 30ST 60ST 90ST 120ST 150ST
Terbinafine	TRB	EM142-10ST EM142-30ST EM142-60ST EM142-90ST EM142-120ST EM142-150ST	10ST 30ST 60ST 90ST 120ST 150ST

Product	Symbol	Code	Packing
Voriconazole	VRC	EM086-10ST EM086-30ST EM086-60ST EM086-90ST EM086-120ST EM086-150ST	10ST 30ST 60ST 90ST 120ST 150ST

HiPer® Microbiology Teaching Kits



HTM006 – HiPer® Ezy MIC™ Teaching Kit

HiPer® Ezy MIC™ Teaching Kit ▲	HTM006-10PR	10pr#
HiMedia's HiPer® Ezy MIC™ Teaching Kit facilitates the determination of the Minimum Inhibitory Concentration (MIC) of an anti-microbial agent required to inhibit growth of a microorganism under defined condition. Contents: S. aureus culture, MIC Strips (Ciprofloxacin, Vancomycin, Azithromycin, Linezolid, Amikacin), Mueller Hinton Agar, Sterile cotton swabs, Applicator, Saline.		

HiComb™ MIC Test

Study 16 concentrations of an antibiotic at one time.

- *HiComb consists of a strip made of an inert material, with 8 extensions that carry the discs of 4 mm, resembling the 'tooth' of a comb.*
- *Towards the stem of the strip, MIC reading scale in mcg/ml is given along with the HiMedia code.*
- *A defined concentration of antibiotic is loaded on each of the disc so as to form a gradient when placed on agar plate.*
- *When applied to the agar surface, the antibiotic instantaneously diffuses into the surrounding medium in high to low amounts from one end of the strip to the other.*
- *The gradient remains stable after diffusion, and the zone of inhibition created takes the form of ellipse.*

HiComb Strip Easy, Accurate & Fast

Convenient and the most economical test for the assessment of minimum inhibitory concentration (MIC) of antimicrobial agent.



Product	Symbol	Code	Packing (10 strips A + 10 strips B)	Product	Symbol	Code	Packing (10 strips A + 10 strips B)
Antibacterial Agents							
Amikacin	AK	MD001-1PK	1pk	*Ampicillin	AMP	MD068-1PK	1pk
Range A : 256-0.1 in µg B : 4-0.001				Range A : 256-2 in µg B : 2.048-0.016			
Levels A : 256, 128, 64, 32, 16, 8, 4, 0.1 in µg B : 4, 2, 1, 0.5, 0.1, 0.05, 0.01, 0.001				Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016			
Amikacin	AK	MD067-1PK	1pk	Aztreonam	AZM	MD004-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016				Range A : 128-0.01 in µg B : 2-0.0001			
Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Levels A : 128, 64, 32, 16, 8, 4, 0.1, 0.01 in µg B : 2, 1, 0.5, 0.1, 0.05, 0.01, 0.005, 0.0001			
*Amoxicillin	AMX	MD002-1PK	1pk	*Azlocillin	AZ	MD005-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 16-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.1, 0.05, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 16, 8, 4, 2, 1, 0.1, 0.01, 0.001			
*Amoxyclav (Amoxicillin/ Clavulanic acid)	AMC	MD003-1PK	1pk	Aztreonam	AT	MD006-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 2-0.0001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.1, 0.05, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 2, 1, 0.5, 0.1, 0.05, 0.01, 0.005, 0.0001			

● : 1 Pack contains 10 strips of A + 10 strips of B.

On receipt all the other products to be stored between -20°C to 8°C.

* : On receipt, store at -20°C.

For prolonged use, store at or below -20°C.

Antimicrobial Susceptibility Testing - HiComb MIC™ Strips



Product	Symbol	Code	Packing (10 strips A + 10 strips B)	Product	Symbol	Code	Packing (10 strips A + 10 strips B)
*Benzyl Penicillin	P	MD062-1PK	1pk	*Cefpirome	CFP	MD011-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016				Range A : 240-0.01 in µg B : 30-0.001			
Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
*Carbenicillin	CB	MD007-1PK	1pk	*Ceftazidime	CAZ	MD012-1PK	1pk
Range A : 512-0.1 in µg B : 32-0.01				Range A : 240-0.01 in µg B : 30-0.001			
Levels A : 512, 256, 128, 64, 32, 16, 4, 0.1 in µg B : 32, 16, 8, 4, 2, 1, 0.1, 0.01				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
*Cefalexin (Cephalexin)	CN	MD014-1PK	1pk	*Ceftazidime	CAZ	MD069-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 256-2 in µg B : 2.048-0.016			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016			
*Cefazolin	CZ	MD008-1PK	1pk	*Ceftriaxone	CTR	MD013-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 30-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
*Cefdinir	CDR	MD009-1PK	1pk	*Ceftriaxone	CTR	MD066-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 256-2 in µg B : 2.048-0.016			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.1, 0.01, 0.008, 0.001				Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016			
*Cefepime	CPM	MD010-1PK	1pk	Chloramphenicol	C	MD016-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 8-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 8, 4, 2, 1, 0.5, 0.1, 0.01, 0.001			
*Cefepime	CPM	MD070-1PK	1pk	Ciprofloxacin	CIP	MD017-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016				Range A : 240-0.01 in µg B : 2-0.001			
Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 2, 1, 0.5, 0.25, 0.01, 0.008, 0.004, 0.001			
*Cefotaxime (Cephotaxime)	CTX	MD015-1PK	1pk	Clarithromycin	CLR	MD018-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 16-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 16, 8, 4, 2, 1, 0.1, 0.01, 0.001			
*Cefotaxime (Cephotaxime)	CTX	MD064-1PK	1pk	Clindamycin	CD	MD019-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016				Range A : 240-0.01 in µg B : 8-0.001			
Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 8, 4, 2, 0.5, 0.08, 0.06, 0.01, 0.001			

Product	Symbol	Code	Packing (10 strips A + 10 strips B)	Product	Symbol	Code	Packing (10 strips A + 10 strips B)
Colistin (Methane Sulphonate)	CL	MD020-1PK	1pk	Levofloxacin	LE	MD027-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 5-0.005			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 5, 4, 2, 1, 0.5, 0.25, 0.05, 0.005			
Co-Trimoxazole (Sulpha/ Trimethoprim)	COT	MD021-1PK	1pk	Lincomycin	L	MD028-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 30-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.1, 0.05, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Erythromycin	E	MD022-1PK	1pk	Linezolid	LZ	MD029-1PK	1pk
Range A : 240-0.01 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 8-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 8, 4, 2, 1, 0.5, 0.1, 0.01, 0.001			
Fusidic Acid	FC	MD023-1PK	1pk	Lomefloxacin	LOM	MD030-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 4-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001			
Gatifloxacin	GAT	MD024-1PK	1pk	*Methicillin	MET	MD031-1PK	1pk
Range A : 64-0.01 in µg B : 2-0.001				Range A : 240-0.01 in µg B : 4-0.001			
Levels A : 64, 32, 16, 8, 4, 2, 0.1, 0.01 in µg B : 2, 1, 0.5, 0.1, 0.03, 0.008, 0.004, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001			
Gemifloxacin	GEM	MD076-1PK	1pk	Minocycline	MI	MD032-1PK	1pk
Range A : 240-0.001 in µg B : 4-0.001				Range A : 240-0.01 in µg B : 4-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001			
Gentamicin	GEN	MD025-1PK	1pk	Moxifloxacin	MO	MD033-1PK	1pk
Range A : 240-0.01 in µg B : 5-0.001				Range A : 240-0.01 in µg B : 32-0.005			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 5, 2, 1, 0.5, 0.25, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 32, 16, 8, 4, 0.1, 0.06, 0.03, 0.005			
Gentamicin	GEN	MD061-1PK	1pk	Mupirocin	MU	MD034-1PK	1pk
Range A : 1024-8 in µg B : 8.192-0.064				Range A : 240-0.01 in µg B : 30-0.001			
Levels A : 1024, 512, 256, 128, 64, 32, 16, 8 in µg B : 8, 192, 4,096, 2,048, 1,024, 0.512, 0.256, 0.128, 0.064				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Kanamycin	K	MD026-1PK	1pk	Nalidixic Acid	NA	MD035-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 8-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 8, 4, 2, 1, 0.5, 0.1, 0.05, 0.001			

• : 1 Pack contains 10 strips of A + 10 strips of B.

On receipt all the other products to be stored between -20°C to 8°C.

* : On receipt, store at -20°C.

For prolonged use, store at or below -20°C.

Antimicrobial Susceptibility Testing - HiComb MIC™ Strips



Product	Symbol	Code	Packing (10 strips A + 10 strips B)	Product	Symbol	Code	Packing (10 strips A + 10 strips B)
Neomycin	N	MD036-1PK	1pk	Pristinomycin (Quinupristin/Dalfopristin)	RP	MD044-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Nitrofurantoin	NIT	MD037-1PK	1pk	Rifampicin	RIF	MD045-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Range A : 240-0.01 in µg B : 32-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 32, 16, 8, 4, 1, 0.1, 0.01, 0.001			
Norfloxacin	NX	MD038-1PK	1pk	Roxithromycin	RO	MD046-1PK	1pk
Range A : 240-0.01 in µg B : 8-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 8, 4, 2, 1, 0.5, 0.1, 0.05, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Ofloxacin	OF	MD039-1PK	1pk	Sparfloxacin	SPX	MD047-1PK	1pk
Range A : 64-0.01 in µg B : 8-0.001 Levels A : 64, 32, 16, 8, 4, 2, 0.1, 0.01 in µg B : 8, 4, 2, 0.5, 0.15, 0.06, 0.004, 0.001				Range A : 64-0.01 in µg B : 2-0.001 Levels A : 64, 32, 16, 8, 4, 2, 1, 0.01 in µg B : 2, 1, 0.5, 0.1, 0.06, 0.03, 0.004, 0.001			
*Oxacillin	OX	MD065-1PK	1pk	Streptomycin	S	MD048-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016 Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Pefloxacin	PF	MD040-1PK	1pk	Sulfasomidine	SO	MD049-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
*Piperacillin	PI	MD041-1PK	1pk	Sulphadiazine	SZ	MD050-1PK	1pk
Range A : 240-0.01 in µg B : 5-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 5, 1, 0.5, 0.1, 0.08, 0.06, 0.01, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
*Piperacillin/Tazobactam	PIT	MD042-1PK	1pk	Sulphafurazole (Sulfisoxazole)	SF	MD051-1PK	1pk
Range A : 240-0.01 in µg B : 5-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 5, 1, 0.5, 0.1, 0.08, 0.06, 0.01, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			
Polymyxin-B	PB	MD043-1PK	1pk	Sulphamethizole	SM	MD052-1PK	1pk
Range A : 240-0.01 in µg B : 32-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 32, 16, 8, 4, 1, 0.1, 0.01, 0.001				Range A : 240-0.01 in µg B : 30-0.001 Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001			

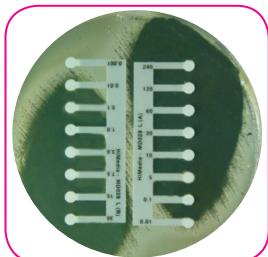
* : 1 Pack contains 10 strips of A + 10 strips of B.

On receipt all the other products to be stored between -20°C to 8°C.

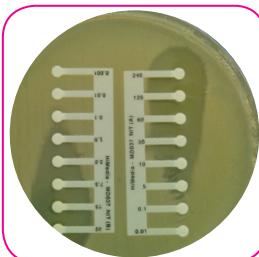
* : On receipt, store at -20°C.

For prolonged use, store at or below -20°C.

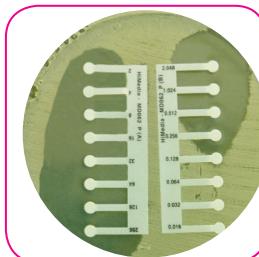
Product	Symbol	Code	Packing (10 strips A + 10 strips B)	Product	Symbol	Code	Packing (10 strips A + 10 strips B)
Sulphamethoxypyridazine	ST	MD053-1PK	1pk	Tobramycin	TOB	MD058-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 16-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 16, 8, 4, 2, 1, 0.1, 0.01, 0.001			
Sulphaphenazole	SP	MD054-1PK	1pk	Trimethoprim	TR	MD059-1PK	1pk
Range A : 240-0.01 in µg B : 30-0.001				Range A : 240-0.01 in µg B : 32-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 30, 15, 7.5, 3.0, 1.0, 0.1, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 32, 16, 8, 4, 2, 0.1, 0.01, 0.001			
Teicoplanin	TEI	MD055-1PK	1pk	Vancomycin	VA	MD060-1PK	1pk
Range A : 240-0.01 in µg B : 1-0.001				Range A : 240-0.01 in µg B : 4-0.001			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 1, 0.8, 0.5, 0.25, 0.1, 0.05, 0.01, 0.001				Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 4, 2, 1, 0.5, 0.1, 0.05, 0.01, 0.001			
Tetracycline	TE	MD056-1PK	1pk	Vancomycin	VA	MD063-1PK	1pk
Range A : 240-0.01 in µg B : 5-0.01				Range A : 256-2 in µg B : 2.048-0.016			
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 5, 3, 2, 1, 0.5, 0.25, 0.1, 0.01				Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016			
*Ticarcillin	TI	MD057-1PK	1pk				
Range A : 240-0.01 in µg B : 16-0.001							
Levels A : 240, 120, 60, 30, 10, 5, 0.1, 0.01 in µg B : 16, 8, 4, 2, 1, 0.1, 0.01, 0.001							



MD028 – Lincomycin
Staphylococcus aureus (ATCC 29213)



MD037 – Nitrofurantoin
Escherichia coli (ATCC 25922)



MD062 – Benzyl Penicillin
Staphylococcus aureus (ATCC 29213)

Antifungal Agents							
Amphotericin B	AP	MD071-1PK	1pk	Itraconazole	IT	MD073-1PK	1pk
Range A : 32-0.25 in µg B : 0.256-0.002				Range A : 32-0.25 in µg B : 0.256-0.002			
Levels A : 32, 16, 8, 4, 2, 1, 0.5, 0.25 in µg B : 0.256, 0.128, 0.064, 0.032, 0.016, 0.008, 0.004, 0.002				Levels A : 32, 16, 8, 4, 2, 1, 0.5, 0.25 in µg B : 0.256, 0.128, 0.064, 0.032, 0.016, 0.008, 0.004, 0.002			
Fluconazole	FLC	MD072-1PK	1pk	Ketoconazole	KT	MD074-1PK	1pk
Range A : 256-2 in µg B : 2.048-0.016				Range A : 32-0.25 in µg B : 0.256-0.002			
Levels A : 256, 128, 64, 32, 16, 8, 4, 2 in µg B : 2.048, 1.024, 0.512, 0.256, 0.128, 0.064, 0.032, 0.016				Levels A : 32, 16, 8, 4, 2, 1, 0.5, 0.25 in µg B : 0.256, 0.128, 0.064, 0.032, 0.016, 0.008, 0.004, 0.002			

• : 1 Pack contains 10 strips of A + 10 strips of B.

On receipt all the other products to be stored between -20°C to 8°C.

* : On receipt, store at -20°C.

For prolonged use, store at or below -20°C.

Antibacterial Agents

Concentration of Antibiotics as per **CLSI** (formerly NCCLS) & **EUCAST** standards

Now HiMedia AST product range also offers Sensitivity discs as per EUCAST standard (The European Committee on Antimicrobial Susceptibility Testing). For more convenience of user we have separated the list of antibiotic discs as per **CLSI**, **EUCAST** & non **CLSI** & non **EUCAST** items. The following packaging are our standard packs for Antimicrobial Susceptibility Testing products.



1PK contains 5 cartridges =
5x50 discs in plastic container
alongwith applicator.



1VL = 100 discs in vial



5VL = 5x100 discs in vial



5CT = 5x50 discs in blister pack alongwith applicator.



Product	Symbol	Levels	Code	Packing	Product	Symbol	Levels	Code	Packing
Amikacin #	AK	30 mcg	SD035-1PK SD035-1VL SD035-5VL SD035-5x50DS SD035-5CT	1pk 1vl 5vl 5x50ds 5ct	*Azlocillin	AZ	75 mcg	SD064-1PK SD064-1VL SD064-5VL SD064-5x50DS SD064-5CT	1pk 1vl 5vl 5x50ds 5ct
*Amoxyclav # (Amoxicillin/ Clavulanic acid)	AMC	30 mcg (20/10 mcg)	SD063-1PK SD063-1VL SD063-5VL SD063-5x50DS SD063-5CT	1pk 1vl 5vl 5x50ds 5ct	*Aztreonam #	AT	30 mcg	SD212-1PK SD212-1VL SD212-5VL SD212-5x50DS SD212-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ampicillin #	AMP	10 mcg	SD002-1PK SD002-1VL SD002-5VL SD002-5x50DS SD002-5CT	1pk 1vl 5vl 5x50ds 5ct	*Carbenicillin	CB	100 mcg	SD004-1PK SD004-1VL SD004-5VL SD004-5x50DS SD004-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ampicillin/Sulbactam # A/S	A/S	10/10 mcg	SD112-1PK SD112-1VL SD112-5VL SD112-5x50DS SD112-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cefaclor #	CF	30 mcg	SD157-1PK SD157-1VL SD157-5VL SD157-5x50DS SD157-5CT	1pk 1vl 5vl 5x50ds 5ct
Azithromycin	AZM	15 mcg	SD204-1PK SD204-1VL SD204-5VL SD204-5x50DS SD204-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cefamandole	FAM	30 mcg	SD200-1PK SD200-1VL SD200-5VL SD200-5x50DS SD200-5CT	1pk 1vl 5vl 5x50ds 5ct

▲ Packing : **New** **5x50DS** = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

#: Concentration of antibiotic also as per **EUCAST**

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
*Cefazolin	CZ	30 mcg	SD047-1PK SD047-1VL SD047-5VL SD047-5x50DS SD047-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cefprozil	CPR	30 mcg	SD209-1PK SD209-1VL SD209-5VL SD209-5x50DS SD209-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefdinir	CDR	5 mcg	SD218-1PK SD218-1VL SD218-5VL SD218-5x50DS SD218-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ceftazidime	CAZ	30 mcg	SD062-1PK SD062-1VL SD062-5VL SD062-5x50DS SD062-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefepime #	CPM	30 mcg	SD219-1PK SD219-1VL SD219-5VL SD219-5x50DS SD219-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ceftazidime / Clavulanic acid	CAC	30/10 mcg	SD207-1PK SD207-1VL SD207-5VL SD207-5x50DS SD207-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefixime #	CFM	5 mcg	SD211-1PK SD211-1VL SD211-5VL SD211-5x50DS SD211-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ceftizoxime	CZX	30 mcg	SD110-1PK SD110-1VL SD110-5VL SD110-5x50DS SD110-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefmetazole	CMZ	30 mcg	SD244-1PK SD244-1VL SD244-5VL SD244-5x50DS SD244-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ceftriaxone #	CTR	30 mcg	SD065-1PK SD065-1VL SD065-5VL SD065-5x50DS SD065-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefonicid	CID	30 mcg	SD248-1PK SD248-1VL SD248-5VL SD248-5x50DS SD248-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cefuroxime #	CXM	30 mcg	SD061-1PK SD061-1VL SD061-5VL SD061-5x50DS SD061-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefoperazone	CPZ	75 mcg	SD072-1PK SD072-1VL SD072-5VL SD072-5x50DS SD072-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cephalothin	CEP	30 mcg	SD050-1PK SD050-1VL SD050-5VL SD050-5x50DS SD050-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefotaxime (Cephalexin)	CTX	30 mcg	SD040-1PK SD040-1VL SD040-5VL SD040-5x50DS SD040-5CT	1pk 1vl 5vl 5x50ds 5ct	Chloramphenicol #	C	30 mcg	SD006-1PK SD006-1VL SD006-5VL SD006-5x50DS SD006-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefotaxime/Clavulanic acid	CEC	30/ 10 mcg	SD724-1PK SD724-1VL SD724-5VL SD724-5x50DS SD724-5CT	1pk 1vl 5vl 5x50ds 5ct	Cinoxacin	CIN	100 mcg	SD245-1PK SD245-1VL SD245-5VL SD245-5x50DS SD245-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefotetan	CTN	30 mcg	SD249-1PK SD249-1VL SD249-5VL SD249-5x50DS SD249-5CT	1pk 1vl 5vl 5x50ds 5ct	Ciprofloxacin #	CIP	5 mcg	SD060-1PK SD060-1VL SD060-5VL SD060-5x50DS SD060-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefoxitin # (Cephalexin)	CX	30 mcg	SD041-1PK SD041-1VL SD041-5VL SD041-5x50DS SD041-5CT	1pk 1vl 5vl 5x50ds 5ct	Clarithromycin	CLR	15 mcg	SD192-1PK SD192-1VL SD192-5VL SD192-5x50DS SD192-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefpodoxime #	CPD	10 mcg	SD725-1PK SD725-1VL SD725-5VL SD725-5x50DS SD725-5CT	1pk 1vl 5vl 5x50ds 5ct	Clindamycin #	CD	2 mcg	SD051-1PK SD051-1VL SD051-5VL SD051-5x50DS SD051-5CT	1pk 1vl 5vl 5x50ds 5ct
▲ Packing : New 5x50DS = 5 vials of 50 discs each.									
1PK contains 5ct = 5x50 discs in plastic container, 1VL = contains 100 discs in vial, 5VL = 5x100 discs in vial, 5CT = contains 5x50 discs in blister pack.									
#: Concentration of antibiotic also as per EUCAST *: On receipt, store at -20°C. On receipt all the other products to be stored between -20°C to 8°C. For prolonged use, store at or below -20°C.									

Antimicrobial Susceptibility Testing - Antibacterial/fungal Agents



Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
Co-Trimoxazole # (Sulpha/Trimethoprim)	COT	25 mcg (23.75/ 1.25 mcg)	SD010-1PK SD010-1VL SD010-5VL SD010-5x50DS SD010-5CT	1pk 1vl 5vl 5x50ds 5ct	Kanamycin	K	30 mcg	SD017-1PK SD017-1VL SD017-5VL SD017-5x50DS SD017-5CT	1pk 1vl 5vl 5x50ds 5ct
*Doripenem #	DOR	10 mcg	SD283-1VL SD283-5VL SD283-5x50DS	1vl 5vl 5x50ds	Levofloxacin #	LE	5 mcg	SD216-1PK SD216-1VL SD216-5VL SD216-5x50DS SD216-5CT	1pk 1vl 5vl 5x50ds 5ct
Doxycycline Hydrochloride	DO	30 mcg	SD012-1PK SD012-1VL SD012-5VL SD012-5x50DS SD012-5CT	1pk 1vl 5vl 5x50ds 5ct	Linezolid	LZ	30 mcg	SD215-1PK SD215-1VL SD215-5VL SD215-5x50DS SD215-5CT	1pk 1vl 5vl 5x50ds 5ct
Enoxacin	EN	10 mcg	SD237-1PK SD237-1VL SD237-5VL SD237-5x50DS SD237-5CT	1pk 1vl 5vl 5x50ds 5ct	Lomefloxacin	LOM	10 mcg	SD206-1PK SD206-1VL SD206-5VL SD206-5x50DS SD206-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ertapenem #	ETP	10 mcg	SD280-1VL SD280-5VL SD280-5x50DS	1vl 5vl 5x50ds	*Mecillinam #	MEC	10 mcg	SD176-1PK SD176-1VL SD176-5VL SD176-5x50DS SD176-5CT	1pk 1vl 5vl 5x50ds 5ct
Erythromycin #	E	15 mcg	SD013-1PK SD013-1VL SD013-5VL SD013-5x50DS SD013-5CT	1pk 1vl 5vl 5x50ds 5ct	*Meropenem #	MRP	10 mcg	SD727-1VL SD727-5VL SD727-5x50DS	1vl 5vl 5x50ds
*Faropenem	FAR	5 mcg	SD279-1VL SD279-5VL SD279-5x50DS	1vl 5vl 5x50ds	*Methicillin	MET	5 mcg	SD019-1PK SD019-1VL SD019-5VL SD019-5x50DS SD019-5CT	1pk 1vl 5vl 5x50ds 5ct
Fosfomycin #	FO	200 mcg	SD205-1PK SD205-1VL SD205-5VL SD205-5x50DS SD205-5CT	1pk 1vl 5vl 5x50ds 5ct	*Mezlocillin	MZ	75 mcg	SD225-1PK SD225-1VL SD225-5VL SD225-5x50DS SD225-5CT	1pk 1vl 5vl 5x50ds 5ct
Fusidic Acid #	FC	10 mcg	SD171-1PK SD171-1VL SD171-5VL SD171-5x50DS SD171-5CT	1pk 1vl 5vl 5x50ds 5ct	Minocycline #	MI	30 mcg	SD158-1PK SD158-1VL SD158-5VL SD158-5x50DS SD158-5CT	1pk 1vl 5vl 5x50ds 5ct
Gatifloxacin	GAT	5 mcg	SD737-1PK SD737-1VL SD737-5VL SD737-5x50DS SD737-5CT	1pk 1vl 5vl 5x50ds 5ct	Moxalactam	MX	30 mcg	SD220-1PK SD220-1VL SD220-5VL SD220-5x50DS SD220-5CT	1pk 1vl 5vl 5x50ds 5ct
Gemifloxacin	GEM	5 mcg	SD250-1PK SD250-1VL SD250-5VL SD250-5x50DS SD250-5CT	1pk 1vl 5vl 5x50ds 5ct	Moxifloxacin #	MO	5 mcg	SD217-1PK SD217-1VL SD217-5VL SD217-5x50DS SD217-5CT	1pk 1vl 5vl 5x50ds 5ct
Gentamicin #	GEN	10 mcg	SD016-1PK SD016-1VL SD016-5VL SD016-5x50DS SD016-5CT	1pk 1vl 5vl 5x50ds 5ct	Nafcillin	NAF	1 mcg	SD246-1PK SD246-1VL SD246-5VL SD246-5x50DS SD246-5CT	1pk 1vl 5vl 5x50ds 5ct
Gentamicin	HLG	120 mcg For detection of HLAR Strains.	SD195-1PK SD195-1VL SD195-5VL SD195-5x50DS SD195-5CT	1pk 1vl 5vl 5x50ds 5ct	Nalidixic Acid #	NA	30 mcg	SD021-1PK SD021-1VL SD021-5VL SD021-5x50DS SD021-5CT	1pk 1vl 5vl 5x50ds 5ct
*Imipenem #	IPM	10 mcg	SD073-1VL SD073-5VL SD073-5x50DS	1vl 5vl 5x50ds					

▲ Packing : New 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

#: Concentration of antibiotic also as per EUCAST

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
Netillin (Netilmicin Sulphate)	NET	30 mcg	SD046-1PK SD046-1VL SD046-5VL SD046-5x50DS SD046-5CT	1pk 1vl 5vl 5x50ds 5ct	Sparfloxacin	SPX	5 mcg	SD162-1PK SD162-1VL SD162-5VL SD162-5x50DS SD162-5CT	1pk 1vl 5vl 5x50ds 5ct
Nitrofurantoin	NIT	300 mcg	SD023-1PK SD023-1VL SD023-5VL SD023-5x50DS SD023-5CT	1pk 1vl 5vl 5x50ds 5ct	Spectinomycin	SPT	100 mcg	SD181-1PK SD181-1VL SD181-5VL SD181-5x50DS SD181-5CT	1pk 1vl 5vl 5x50ds 5ct
Norfloxacin #	NX	10 mcg	SD057-1PK SD057-1VL SD057-5VL SD057-5x50DS SD057-5CT	1pk 1vl 5vl 5x50ds 5ct	Streptomycin	S	10 mcg	SD031-1PK SD031-1VL SD031-5VL SD031-5x50DS SD031-5CT	1pk 1vl 5vl 5x50ds 5ct
Ofloxacin #	OF	5 mcg	SD087-1PK SD087-1VL SD087-5VL SD087-5x50DS SD087-5CT	1pk 1vl 5vl 5x50ds 5ct	Streptomycin For detection of HLAR Strains.	HLS	300 mcg	SD236-1PK SD236-1VL SD236-5VL SD236-5x50DS SD236-5CT	1pk 1vl 5vl 5x50ds 5ct
*Oxacillin #	OX	1 mcg	SD088-1PK SD088-1VL SD088-5VL SD088-5x50DS SD088-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphafurazole (Sulfisoxazole)	SF	300 mcg	SD032-1PK SD032-1VL SD032-5VL SD032-5x50DS SD032-5CT	1pk 1vl 5vl 5x50ds 5ct
Pefloxacin #	PF	5 mcg	SD070-1PK SD070-1VL SD070-5VL SD070-5x50DS SD070-5CT	1pk 1vl 5vl 5x50ds 5ct	Teicoplanin #	TEI	30 mcg	SD213-1PK SD213-1VL SD213-5VL SD213-5x50DS SD213-5CT	1pk 1vl 5vl 5x50ds 5ct
*Penicillin-G	P	10 units	SD028-1PK SD028-1VL SD028-5VL SD028-5x50DS SD028-5CT	1pk 1vl 5vl 5x50ds 5ct	Tetracycline #	TE	30 mcg	SD037-1PK SD037-1VL SD037-5VL SD037-5x50DS SD037-5CT	1pk 1vl 5vl 5x50ds 5ct
*Piperacillin	PI	100 mcg	SD066-1PK SD066-1VL SD066-5VL SD066-5x50DS SD066-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ticarcillin #	TI	75 mcg	SD074-1PK SD074-1VL SD074-5VL SD074-5x50DS SD074-5CT	1pk 1vl 5vl 5x50ds 5ct
*Piperacillin/ Tazobactam	PIT	100/ 10 mcg	SD210-1PK SD210-1VL SD210-5VL SD210-5x50DS SD210-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ticarcillin / Clavulanic Acid #	TCC	75/10 mcg	SD201-1PK SD201-1VL SD201-5VL SD201-5x50DS SD201-5CT	1pk 1vl 5vl 5x50ds 5ct
Polymyxin-B	PB	300 units	SD029-1PK SD029-1VL SD029-5VL SD029-5x50DS SD029-5CT	1pk 1vl 5vl 5x50ds 5ct	Tigecycline #	TGC	15 mcg	SD278-1PK SD278-1VL SD278-5VL SD278-5x50DS SD278-5CT	1pk 1vl 5vl 5x50ds 5ct
Pristinomycin # (Quinupristin / Dalofopristin)	RP	15 mcg	SD178-1PK SD178-1VL SD178-5VL SD178-5x50DS SD178-5CT	1pk 1vl 5vl 5x50ds 5ct	Tobramycin #	TOB	10 mcg	SD044-1PK SD044-1VL SD044-5VL SD044-5x50DS SD044-5CT	1pk 1vl 5vl 5x50ds 5ct
Prulifloxacin (Ulfloxacin)	PRU	5 mcg	SD268-1PK SD268-1VL SD268-5VL SD268-5x50DS SD268-5CT	1pk 1vl 5vl 5x50ds 5ct	Trimethoprim #	TR	5 mcg	SD039-1PK SD039-1VL SD039-5VL SD039-5x50DS SD039-5CT	1pk 1vl 5vl 5x50ds 5ct
Rifampicin #	RIF	5 mcg	SD030-1PK SD030-1VL SD030-5VL SD030-5x50DS SD030-5CT	1pk 1vl 5vl 5x50ds 5ct	Vancomycin	VA	30 mcg	SD045-1PK SD045-1VL SD045-5VL SD045-5x50DS SD045-5CT	1pk 1vl 5vl 5x50ds 5ct

▲ Packing : **New 5x50DS = 5 vials of 50 discs each.**

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

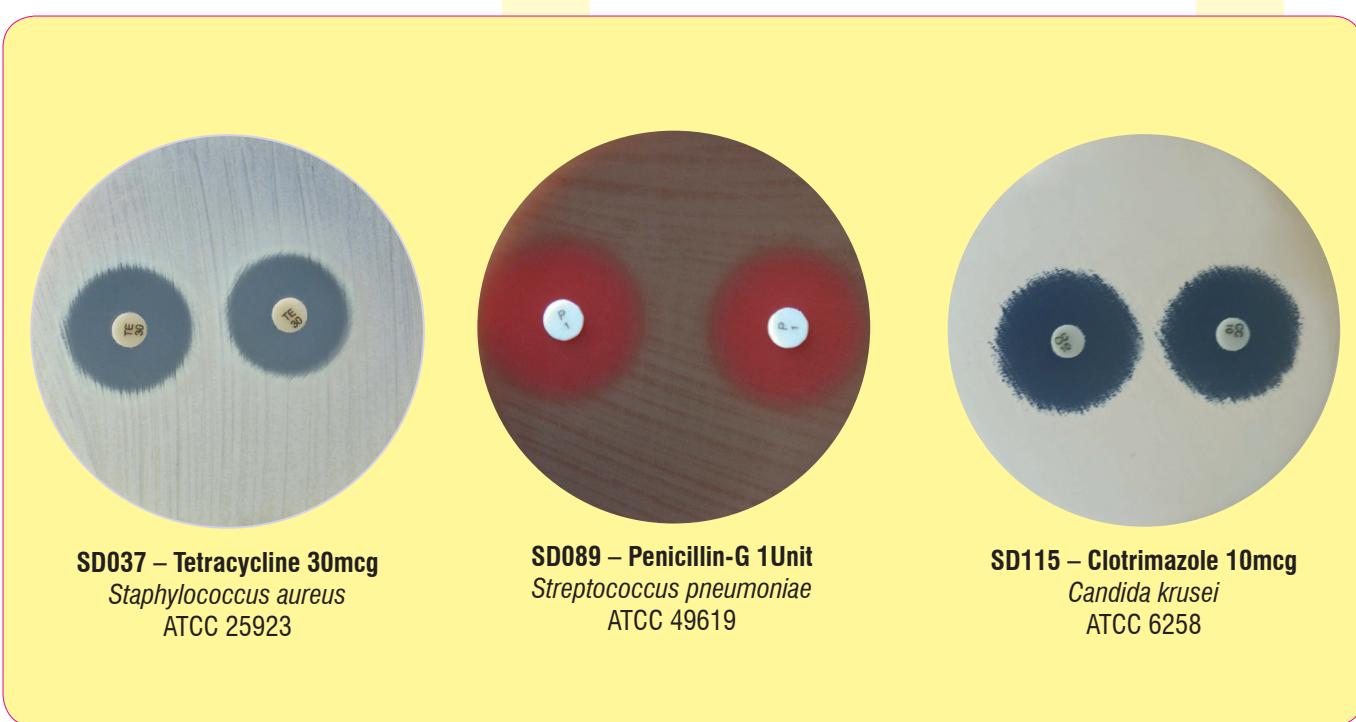
#: Concentration of antibiotic also as per EUCAST

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.
For prolonged use, store at or below -20°C.

Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
ESBL Identification Test Kits*									
*Kit I for ESBL Identification, Cefotaxime (Cephotaxime) Kit contains 6 cartridges (6CT): 3CT of SD040 Cefotaxime (Cephotaxime) 30 mcg, 3CT of SD724 Cefotaxime (Cephotaxime)/Clavulanic acid 30/10 mcg			SD238-1KT	1kit					
*Kit III for ESBL Identification, Ceftazidime Kit contains 6 cartridges (6CT): 3CT of SD062 Ceftazidime 30 mcg, 3CT of SD207 Ceftazidime /Clavulanic acid 30/10 mcg			SD240-1KT	1kit					

* Refer Hexa Discs section for Hexa G-Minus 23 (HX095) & Hexa G-Minus 24 (HX096) disc specially developed for screening of ESBL producer.



▲ Packing : **New** 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

#: Concentration of antibiotic also as per EUCAST

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

Product

Symbol

Levels

Code

Packing▲
Product

Symbol

Levels

Code

Packing▲
Antibacterial Agents

Concentration of Antibiotics **only as per EUCAST standard**
 (The European Committee on Antimicrobial Susceptibility Testing)

*Ampicillin	AMP	2 mcg	SD002A-1PK SD002A-1VL SD002A-5VL SD002A-5x50DS SD002A-5CT	1pk 1vl 5vl 5x50ds 5ct	
*Cefadroxil (Cephadroxil)	CFR	30 mcg	SD116-1PK SD116-1VL SD116-5VL SD116-5x50DS SD116-5CT	1pk 1vl 5vl 5x50ds 5ct	
*Cefalexin (Cephalexin)	CN	30 mcg	SD048-1PK SD048-1VL SD048-5VL SD048-5x50DS SD048-5CT	1pk 1vl 5vl 5x50ds 5ct	
*Cefotaxime	CTX	5 mcg	SD295E-1PK SD295E-1VL SD295E-5VL SD295E-5x50DS SD295E-5CT	1pk 1vl 5vl 5x50ds 5ct	
*Ceftazidime	CAZ	10 mcg	SD062A-1PK SD062A-1VL SD062A-5VL SD062A-5x50DS SD062A-5CT	1pk 1vl 5vl 5x50ds 5ct	
Gentamicin	GEN	30 mcg	SD170-1PK SD170-1VL SD170-5VL SD170-5x50DS SD170-5CT	1pk 1vl 5vl 5x50ds 5ct	
Linezolid	LZ	10 mcg	SD296E-1PK SD296E-1VL SD296E-5VL SD296E-5x50DS SD296E-5CT	1pk 1vl 5vl 5x50ds 5ct	
Netillin (Netilmicin Sulphate)	NET	10 mcg	SD085-1PK SD085-1VL SD085-5VL SD085-5x50DS SD085-5CT	1pk 1vl 5vl 5x50ds 5ct	

Nitrofurantoin	NIT	100 mcg	SD086-1PK SD086-1VL SD086-5VL SD086-5x50DS SD086-5CT	1pk 1vl 5vl 5x50ds 5ct
Nitroxoline	NO	30 mcg	SD196-1PK SD196-1VL SD196-5VL SD196-5x50DS SD196-5CT	1pk 1vl 5vl 5x50ds 5ct
*Penicillin-G	P	1 unit	SD089-1PK SD089-1VL SD089-5VL SD089-5x50DS SD089-5CT	1pk 1vl 5vl 5x50ds 5ct
*Piperacillin	PI	30 mcg	SD066A-1PK SD066A-1VL SD066A-5VL SD066A-5x50DS SD066A-5CT	1pk 1vl 5vl 5x50ds 5ct
*Piperacillin / Tazobactam	PIT	30/6 mcg	SD292E-1PK SD292E-1VL SD292E-5VL SD292E-5x50DS SD292E-5CT	1pk 1vl 5vl 5x50ds 5ct
Mupirocin	MUP	200 mcg	SD293E-1PK SD293E-1VL SD293E-5VL SD293E-5x50DS SD293E-5CT	1pk 1vl 5vl 5x50ds 5ct
Vancomycin	VA	5 mcg	SD155-1PK SD155-1VL SD155-5VL SD155-5x50DS SD155-5CT	1pk 1vl 5vl 5x50ds 5ct

Antimicrobial Susceptibility Testing Product Range


▲ Packing : **New 5x50DS = 5 vials of 50 discs each.**

1PK contains 5ct = 5x50 discs in plastic container,
 1VL = contains 100 discs in vial,
 5VL = 5x100 discs in vial,
 5CT = contains 5x50 discs in blister pack.

* : On receipt, store at -20°C.
 On receipt all the other products to be stored between -20°C to 8°C.
 For prolonged use, store at or below -20°C.

Product	Symbol	Levels	Code	Packing▲
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Product	Symbol	Levels	Code	Packing▲
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Antibacterial Agents

Concentration of Antibiotics **not as per CLSI (formerly NCCLS) & not as per EUCAST standards**

These codes do not have concentration of Antibiotics as per CLSI (formerly NCCLS) & EUCAST standards, However HiMedia provides these concentrations as required by our users. Although zone interpretative criteria for these codes can not be provided, Quality control limits of standard organisms can be made available.

Amikacin AK 10 mcg SD082-1PK SD082-1VL SD082-5VL SD082-5x50DS SD082-5CT	Bacitracin B 8 units SD105-1PK SD105-1VL SD105-5VL SD105-5x50DS SD105-5CT
*Amoxicillin AMX 10 mcg SD001-1PK SD001-1VL SD001-5VL SD001-5x50DS SD001-5CT	Bacitracin B 10 units SD003-1PK SD003-1VL SD003-5VL SD003-5x50DS SD003-5CT
*Amoxicillin AMX 25 mcg SD129-1PK SD129-1VL SD129-5VL SD129-5x50DS SD129-5CT	*Cefaloridine (Cephaloridine) CR 10 mcg SD079-1PK SD079-1VL SD079-5VL SD079-5x50DS SD079-5CT
*Amoxicillin AMX 30 mcg SD076-1PK SD076-1VL SD076-5VL SD076-5x50DS SD076-5CT	*Cefaloridine (Cephaloridine) CR 30 mcg SD005-1PK SD005-1VL SD005-5VL SD005-5x50DS SD005-5CT
*Amoxicillin/Sulbactam AMS 30/15 mcg SD264-1PK SD264-1VL SD264-5VL SD264-5x50DS SD264-5CT	*Cefepime CPM 50 mcg SD262-1PK SD262-1VL SD262-5VL SD262-5x50DS SD262-5CT
*Amoxyclav AMC 10 mcg SD078-1PK SD078-1VL SD078-5VL SD078-5x50DS SD078-5CT	*Cefepime/Clavulanic acid CFC 30/10 mcg SD234-1PK SD234-1VL SD234-5VL SD234-5x50DS SD234-5CT
*Amoxyclav AMC 50/10 mcg SD281-1PK SD281-1VL SD281-5VL SD281-5x50DS SD281-5CT	*Cefepime/Tazobactam CPT 30/10 mcg SD257-1PK SD257-1VL SD257-5VL SD257-5x50DS SD257-5CT
*Ampicillin AMP 25 mcg SD077-1PK SD077-1VL SD077-5VL SD077-5x50DS SD077-5CT	*Cefepime/Tazobactam CPT 80/10 mcg SD247-1PK SD247-1VL SD247-5VL SD247-5x50DS SD247-5CT
*Ampicillin/Cloxacillin AX 10 mcg SD113-1PK SD113-1VL SD113-5VL SD113-5x50DS SD113-5CT	*Cefixime CFM 10 mcg SD820-1PK SD820-1VL SD820-5VL SD820-5x50DS SD820-5CT
Azithromycin AZM 30 mcg SD124-1PK SD124-1VL SD124-5VL SD124-5x50DS SD124-5CT	*Cefixime/Clavulanic acid CMC 5/10 mcg SD266-1PK SD266-1VL SD266-5VL SD266-5x50DS SD266-5CT
*Azlocillin AZ 30 mcg SD094-1PK SD094-1VL SD094-5VL SD094-5x50DS SD094-5CT	*Cefoperazone/Sulbactam CFS 50/50 mcg SD259-1PK SD259-1VL SD259-5VL SD259-5x50DS SD259-5CT
*Aztetreonam AT 50 mcg SD263-1PK SD263-1VL SD263-5VL SD263-5x50DS SD263-5CT	*Cefoperazone/Sulbactam CFS 75/10 mcg SD254-1PK SD254-1VL SD254-5VL SD254-5x50DS SD254-5CT

▲ Packing : **New** 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,

1VL = contains 100 discs in vial,

5VL = 5x100 discs in vial,

5CT = contains 5x50 discs in blister pack.

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Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
*Cefoperazone/ Sulbactam	CFS	75/30 mcg	SD203-1PK SD203-1VL SD203-5VL SD203-5x50DS SD203-5CT	1pk 1vl 5vl 5x50ds 5ct	*Ceftriaxone/ Tazobactam	CIT	80/10 mcg	SD251-1PK SD251-1VL SD251-5VL SD251-5x50DS SD251-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefoperazone/ Tazobactam	CST	75/10 mcg	SD253-1PK SD253-1VL SD253-5VL SD253-5x50DS SD253-5CT	1pk 1vl 5vl 5x50ds 5ct	Chloramphenicol	C	10 mcg	SD081-1PK SD081-1VL SD081-5VL SD081-5x50DS SD081-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefotaxime (Cephotaxime)	CTX	10 mcg	SD040A-1PK SD040A-1VL SD040A-5VL SD040A-5x50DS SD040A-5CT	1pk 1vl 5vl 5x50ds 5ct	Chloramphenicol	C	25 mcg	SD153-1PK SD153-1VL SD153-5VL SD153-5x50DS SD153-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefoxitin- Cloxacillin For detection of AmpC.	CXX	30/ 200 mcg	SD285-1PK SD285-1VL SD285-5VL SD285-5x50DS SD285-5CT	1pk 1vl 5vl 5x50ds 5ct	Chloramphenicol	C	50 mcg	SD131-1PK SD131-1VL SD131-5VL SD131-5x50DS SD131-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefpirome	CFP	30 mcg	SD738-1PK SD738-1VL SD738-5VL SD738-5x50DS SD738-5CT	1pk 1vl 5vl 5x50ds 5ct	Chlortetracycline	CT	30 mcg	SD007-1PK SD007-1VL SD007-5VL SD007-5x50DS SD007-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefpirome/ Clavulanic acid	CPC	30/7.5 mcg	SD235-1PK SD235-1VL SD235-5VL SD235-5x50DS SD235-5CT	1pk 1vl 5vl 5x50ds 5ct	Ciprofloxacin	CIP	1 mcg	SD060A-1PK SD060A-1VL SD060A-5VL SD060A-5x50DS SD060A-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefradine (Cephadrine)	CH	25 mcg	SD160-1PK SD160-1VL SD160-5VL SD160-5x50DS SD160-5CT	1pk 1vl 5vl 5x50ds 5ct	Ciprofloxacin	CIP	10 mcg	SD080-1PK SD080-1VL SD080-5VL SD080-5x50DS SD080-5CT	1pk 1vl 5vl 5x50ds 5ct
*Cefradine (Cephadrine)	CH	30 mcg	SD704-1PK SD704-1VL SD704-5VL SD704-5x50DS SD704-5CT	1pk 1vl 5vl 5x50ds 5ct	Ciprofloxacin	CIP	30 mcg	SD142-1PK SD142-1VL SD142-5VL SD142-5x50DS SD142-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ceftazidime/ Tazobactam	CAT	30/10 mcg	SD252-1PK SD252-1VL SD252-5VL SD252-5x50DS SD252-5CT	1pk 1vl 5vl 5x50ds 5ct	Clindamycin	CD	10 mcg	SD164-1PK SD164-1VL SD164-5VL SD164-5x50DS SD164-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ceftazidime/ Tazobactam	CAT	80/10 mcg	SD269-1PK SD269-1VL SD269-5VL SD269-5x50DS SD269-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cloxacillin	COX	1 mcg	SD008-1PK SD008-1VL SD008-5VL SD008-5x50DS SD008-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ceftriaxone	CTR	10 mcg	SD109-1PK SD109-1VL SD109-5VL SD109-5x50DS SD109-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cloxacillin	COX	5 mcg	SD075-1PK SD075-1VL SD075-5VL SD075-5x50DS SD075-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ceftriaxone/ Sulbactam	CIS	30/15 mcg	SD261-1PK SD261-1VL SD261-5VL SD261-5x50DS SD261-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cloxacillin	COX	10 mcg	SD143-1PK SD143-1VL SD143-5VL SD143-5x50DS SD143-5CT	1pk 1vl 5vl 5x50ds 5ct
*Ceftriaxone/ Tazobactam	CIT	30/10 mcg	SD256-1PK SD256-1VL SD256-5VL SD256-5x50DS SD256-5CT	1pk 1vl 5vl 5x50ds 5ct	*Cloxacillin	COX	30 mcg	SD165-1PK SD165-1VL SD165-5VL SD165-5x50DS SD165-5CT	1pk 1vl 5vl 5x50ds 5ct

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Antimicrobial Susceptibility Testing - Antibacterial/fungal Agents



Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
*Cloxacillin	COX	200 mcg	SD284-1PK SD284-1VL SD284-5VL SD284-5x50DS SD284-5CT	1pk 1vl 5vl 5x50ds 5ct	Framycetin	F	100 mcg	SD014-1PK SD014-1VL SD014-5VL SD014-5x50DS SD014-5CT	1pk 1vl 5vl 5x50ds 5ct
Colistin (Methane Sulphonate)	CL	25 mcg	SD108-1PK SD108-1VL SD108-5VL SD108-5x50DS SD108-5CT	1pk 1vl 5vl 5x50ds 5ct	Fusidic Acid	FC	30 mcg	SD169-1PK SD169-1VL SD169-5VL SD169-5x50DS SD169-5CT	1pk 1vl 5vl 5x50ds 5ct
Colistin (Methane Sulphonate)	CL	50 mcg	SD097-1PK SD097-1VL SD097-5VL SD097-5x50DS SD097-5CT	1pk 1vl 5vl 5x50ds 5ct	Furazolidone	FR	50 mcg	SD015-1PK SD015-1VL SD015-5VL SD015-5x50DS SD015-5CT	1pk 1vl 5vl 5x50ds 5ct
Co-Trimazine (Human)	CM	25 mcg	SD071-1PK SD071-1VL SD071-5VL SD071-5x50DS SD071-5CT	1pk 1vl 5vl 5x50ds 5ct	Furazolidone	FR	100 mcg	SD197-1PK SD197-1VL SD197-5VL SD197-5x50DS SD197-5CT	1pk 1vl 5vl 5x50ds 5ct
*Dicloxacillin	D/C	1 mcg	SD052-1PK SD052-1VL SD052-5VL SD052-5x50DS SD052-5CT	1pk 1vl 5vl 5x50ds 5ct	Furoxone	FX	100 mcg	SD042-1PK SD042-1VL SD042-5VL SD042-5x50DS SD042-5CT	1pk 1vl 5vl 5x50ds 5ct
Doxycycline Hydrochloride	DO	10 mcg	SD120-1PK SD120-1VL SD120-5VL SD120-5x50DS SD120-5CT	1pk 1vl 5vl 5x50ds 5ct	Gatifloxacin	GAT	10 mcg	SD753-1PK SD753-1VL SD753-5VL SD753-5x50DS SD753-5CT	1pk 1vl 5vl 5x50ds 5ct
Enrofloxacin	EX	5 mcg	SD156-1PK SD156-1VL SD156-5VL SD156-5x50DS SD156-5CT	1pk 1vl 5vl 5x50ds 5ct	Gatifloxacin	GAT	30 mcg	SD740-1PK SD740-1VL SD740-5VL SD740-5x50DS SD740-5CT	1pk 1vl 5vl 5x50ds 5ct
Enrofloxacin	EX	10 mcg	SD150-1PK SD150-1VL SD150-5VL SD150-5x50DS SD150-5CT	1pk 1vl 5vl 5x50ds 5ct	Gentamicin	GEN	50 mcg	SD166-1PK SD166-1VL SD166-5VL SD166-5x50DS SD166-5CT	1pk 1vl 5vl 5x50ds 5ct
Erythromycin	E	5 mcg	SD222-1PK SD222-1VL SD222-5VL SD222-5x50DS SD222-5CT	1pk 1vl 5vl 5x50ds 5ct	*Imipenem/Cilastin	IC	10/10 mcg	SD265-1PK SD265-1VL SD265-5VL SD265-5x50DS SD265-5CT	1pk 1vl 5vl 5x50ds 5ct
Erythromycin	E	10 mcg	SD083-1PK SD083-1VL SD083-5VL SD083-5x50DS SD083-5CT	1pk 1vl 5vl 5x50ds 5ct	*Imipenem-EDTA	IE	10/750 mcg	SD282-1PK SD282-1VL SD282-5VL SD282-5x50DS SD282-5CT	1pk 1vl 5vl 5x50ds 5ct
Floxidin	FL	20 mcg	SD140-1PK SD140-1VL SD140-5VL SD140-5x50DS SD140-5CT	1pk 1vl 5vl 5x50ds 5ct	Isepamicin	IP	30 mcg	SD214-1PK SD214-1VL SD214-5VL SD214-5x50DS SD214-5CT	1pk 1vl 5vl 5x50ds 5ct
Floxidin	FL	30 mcg	SD141-1PK SD141-1VL SD141-5VL SD141-5x50DS SD141-5CT	1pk 1vl 5vl 5x50ds 5ct	Kanamycin	K	5 mcg	SD223-1PK SD223-1VL SD223-5VL SD223-5x50DS SD223-5CT	1pk 1vl 5vl 5x50ds 5ct
Fosfomycin	FO	50 mcg	SD179-1PK SD179-1VL SD179-5VL SD179-5x50DS SD179-5CT	1pk 1vl 5vl 5x50ds 5ct	Kanamycin	K	1000 mcg	SD837-1PK SD837-1VL SD837-5VL SD837-5x50DS SD837-5CT	1pk 1vl 5vl 5x50ds 5ct

▲ Packing : **New** 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

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Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲
Lincomycin	L	2 mcg	SD018-1PK SD018-1VL SD018-5VL SD018-5x50DS SD018-5CT	1pk 1vl 5vl 5x50ds 5ct	Neomycin	N	10 mcg	SD731-1PK SD731-1VL SD731-5VL SD731-5x50DS SD731-5CT	1pk 1vl 5vl 5x50ds 5ct
Lincomycin	L	10 mcg	SD084-1PK SD084-1VL SD084-5VL SD084-5x50DS SD084-5CT	1pk 1vl 5vl 5x50ds 5ct	Neomycin	N	30 mcg	SD022-1PK SD022-1VL SD022-5VL SD022-5x50DS SD022-5CT	1pk 1vl 5vl 5x50ds 5ct
Lincomycin	L	15 mcg	SD098-1PK SD098-1VL SD098-5VL SD098-5x50DS SD098-5CT	1pk 1vl 5vl 5x50ds 5ct	Nitrofurantoin	NIT	200 mcg	SD090-1PK SD090-1VL SD090-5VL SD090-5x50DS SD090-5CT	1pk 1vl 5vl 5x50ds 5ct
Lomefloxacin	LOM	15 mcg	SD260-1PK SD260-1VL SD260-5VL SD260-5x50DS SD260-5CT	1pk 1vl 5vl 5x50ds 5ct	Nitrofurazone	NR	100 mcg	SD024-1PK SD024-1VL SD024-5VL SD024-5x50DS SD024-5CT	1pk 1vl 5vl 5x50ds 5ct
Lomefloxacin	LOM	30 mcg	SD125-1PK SD125-1VL SD125-5VL SD125-5x50DS SD125-5CT	1pk 1vl 5vl 5x50ds 5ct	Norfloxacin	NX	5 mcg	SD184-1PK SD184-1VL SD184-5VL SD184-5x50DS SD184-5CT	1pk 1vl 5vl 5x50ds 5ct
Mecillinam	MEC	25 mcg	SD177-1PK SD177-1VL SD177-5VL SD177-5x50DS SD177-5CT	1pk 1vl 5vl 5x50ds 5ct	Novobiocin	NV	5 mcg	SD121-1PK SD121-1VL SD121-5VL SD121-5x50DS SD121-5CT	1pk 1vl 5vl 5x50ds 5ct
Methanamine Mandalate	ME	3 mg	SD068-1PK SD068-1VL SD068-5VL SD068-5x50DS SD068-5CT	1pk 1vl 5vl 5x50ds 5ct	Novobiocin	NV	30 mcg	SD053-1PK SD053-1VL SD053-5VL SD053-5x50DS SD053-5CT	1pk 1vl 5vl 5x50ds 5ct
*Methicillin	MET	10 mcg	SD136-1PK SD136-1VL SD136-5VL SD136-5x50DS SD136-5CT	1pk 1vl 5vl 5x50ds 5ct	Oflloxacin	OF	2 mcg	SD069-1PK SD069-1VL SD069-5VL SD069-5x50DS SD069-5CT	1pk 1vl 5vl 5x50ds 5ct
*Methicillin	MET	30 mcg	SD137-1PK SD137-1VL SD137-5VL SD137-5x50DS SD137-5CT	1pk 1vl 5vl 5x50ds 5ct	Oleandomycin	OL	15 mcg	SD026-1PK SD026-1VL SD026-5VL SD026-5x50DS SD026-5CT	1pk 1vl 5vl 5x50ds 5ct
Metronidazole	MT	4 mcg	SD099-1PK SD099-1VL SD099-5VL SD099-5x50DS SD099-5CT	1pk 1vl 5vl 5x50ds 5ct	*Oxacillin	OX	5 mcg	SD043-1PK SD043-1VL SD043-5VL SD043-5x50DS SD043-5CT	1pk 1vl 5vl 5x50ds 5ct
Metronidazole	MT	5 mcg	SD020-1PK SD020-1VL SD020-5VL SD020-5x50DS SD020-5CT	1pk 1vl 5vl 5x50ds 5ct	Oxytetracycline	O	30 mcg	SD027-1PK SD027-1VL SD027-5VL SD027-5x50DS SD027-5CT	1pk 1vl 5vl 5x50ds 5ct
Mupirocin	MUP	5 mcg	SD748-1PK SD748-1VL SD748-5VL SD748-5x50DS SD748-5CT	1pk 1vl 5vl 5x50ds 5ct	*Penicillin-G	P	2 units	SD144-1PK SD144-1VL SD144-5VL SD144-5x50DS SD144-5CT	1pk 1vl 5vl 5x50ds 5ct
Nadifloxacin	NAD	5 mcg	SD258-1PK SD258-1VL SD258-5VL SD258-5x50DS SD258-5CT	1pk 1vl 5vl 5x50ds 5ct	Pipemidic Acid	PA	20 mcg	SD185-1PK SD185-1VL SD185-5VL SD185-5x50DS SD185-5CT	1pk 1vl 5vl 5x50ds 5ct

▲ Packing : **New** 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
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Antimicrobial Susceptibility Testing - Antibacterial/fungal Agents



Product	Symbol	Levels	Code	Packing ▲	Product	Symbol	Levels	Code	Packing ▲
Pipemicid Acid	PA	30 mcg	SD175-1PK SD175-1VL SD175-5VL SD175-5x50DS SD175-5CT	1pk 1vl 5vl 5x50ds 5ct	Streptomycin	S	25 mcg	SD091-1PK SD091-1VL SD091-5VL SD091-5x50DS SD091-5CT	1pk 1vl 5vl 5x50ds 5ct
*Piperacillin	PI	75 mcg	SD132-1PK SD132-1VL SD132-5VL SD132-5x50DS SD132-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulfasomidine	SO	300 mcg	SD056-1PK SD056-1VL SD056-5VL SD056-5x50DS SD056-5CT	1pk 1vl 5vl 5x50ds 5ct
Polymyxin-B	PB	50 units	SD106-1PK SD106-1VL SD106-5VL SD106-5x50DS SD106-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphadiazine	SZ	100 mcg	SD092-1PK SD092-1VL SD092-5VL SD092-5x50DS SD092-5CT	1pk 1vl 5vl 5x50ds 5ct
Polymyxin-B	PB	100 units	SD139-1PK SD139-1VL SD139-5VL SD139-5x50DS SD139-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphadiazine	SZ	300 mcg	SD034-1PK SD034-1VL SD034-5VL SD034-5x50DS SD034-5CT	1pk 1vl 5vl 5x50ds 5ct
Prulifloxacin (Ulfloxacin)	PRU	10 mcg	SD267-1PK SD267-1VL SD267-5VL SD267-5x50DS SD267-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphamethizole	SM	300 mcg	SD033-1PK SD033-1VL SD033-5VL SD033-5x50DS SD033-5CT	1pk 1vl 5vl 5x50ds 5ct
Rifampicin	RIF	2 mcg	SD096-1PK SD096-1VL SD096-5VL SD096-5x50DS SD096-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphamethoxypyridazine	ST	300 mcg	SD055-1PK SD055-1VL SD055-5VL SD055-5x50DS SD055-5CT	1pk 1vl 5vl 5x50ds 5ct
Rifampicin	RIF	15 mcg	SD128-1PK SD128-1VL SD128-5VL SD128-5x50DS SD128-5CT	1pk 1vl 5vl 5x50ds 5ct	Sulphaphenazole	SP	200 mcg	SD036-1PK SD036-1VL SD036-5VL SD036-5x50DS SD036-5CT	1pk 1vl 5vl 5x50ds 5ct
Rifampicin	RIF	30 mcg	SD127-1PK SD127-1VL SD127-5VL SD127-5x50DS SD127-5CT	1pk 1vl 5vl 5x50ds 5ct	Tetracycline	TE	10 mcg	SD133-1PK SD133-1VL SD133-5VL SD133-5x50DS SD133-5CT	1pk 1vl 5vl 5x50ds 5ct
Roxithromycin	RO	30 mcg	SD126-1PK SD126-1VL SD126-5VL SD126-5x50DS SD126-5CT	1pk 1vl 5vl 5x50ds 5ct	Tobramycin	TOB	30 mcg	SD154-1PK SD154-1VL SD154-5VL SD154-5x50DS SD154-5CT	1pk 1vl 5vl 5x50ds 5ct
Sisomicin	SS	10 mcg	SD059-1PK SD059-1VL SD059-5VL SD059-5x50DS SD059-5CT	1pk 1vl 5vl 5x50ds 5ct	Trimethoprim	TR	10 mcg	SD093-1PK SD093-1VL SD093-5VL SD093-5x50DS SD093-5CT	1pk 1vl 5vl 5x50ds 5ct
Spiramycin	SR	30 mcg	SD054-1PK SD054-1VL SD054-5VL SD054-5x50DS SD054-5CT	1pk 1vl 5vl 5x50ds 5ct	Trimethoprim	TR	25 mcg	SD148-1PK SD148-1VL SD148-5VL SD148-5x50DS SD148-5CT	1pk 1vl 5vl 5x50ds 5ct
Spiramycin	SR	100 mcg	SD101-1PK SD101-1VL SD101-5VL SD101-5x50DS SD101-5CT	1pk 1vl 5vl 5x50ds 5ct	Trimethoprim	TR	30 mcg	SD149-1PK SD149-1VL SD149-5VL SD149-5x50DS SD149-5CT	1pk 1vl 5vl 5x50ds 5ct
Sterile Discs	—	—	SD067-1PK SD067-1VL SD067-5VL SD067-5x50DS SD067-5CT	1pk 1vl 5vl 5x50ds 5ct	Triple Sulphas	S3	300 mcg	SD038-1PK SD038-1VL SD038-5VL SD038-5x50DS SD038-5CT	1pk 1vl 5vl 5x50ds 5ct

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1PK contains 5ct = 5x50 discs in plastic container,

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For prolonged use, store at or below -20°C.

Product	Symbol	Levels	Code	Packing▲	Product	Symbol	Levels	Code	Packing▲		
Tylosine	TL	15 mcg	SD199-1PK SD199-1VL SD199-5VL SD199-5x50DS SD199-5CT	1pk 1vl 5vl 5x50ds 5ct	Itraconazole	IT	30 mcg	SD276-1PK SD276-1VL SD276-5VL SD276-5x50DS SD276-5CT	1pk 1vl 5vl 5x50ds 5ct		
Vancomycin	VA	10 mcg	SD163-1PK SD163-1VL SD163-5VL SD163-5x50DS SD163-5CT	1pk 1vl 5vl 5x50ds 5ct	Ketoconazole	KT	10 mcg	SD224-1PK SD224-1VL SD224-5VL SD224-5x50DS SD224-5CT	1pk 1vl 5vl 5x50ds 5ct		
Virginamycin	VI	15 mcg	SD182-1PK SD182-1VL SD182-5VL SD182-5x50DS SD182-5CT	1pk 1vl 5vl 5x50ds 5ct	Ketoconazole	KT	30 mcg	SD275-1PK SD275-1VL SD275-5VL SD275-5x50DS SD275-5CT	1pk 1vl 5vl 5x50ds 5ct		
ESBL Identification Test Kits*											
*Kit II for ESBL Identification, Cefepime	Kit contains 6 cartridges (6CT): 3CT of SD219 Cefepime 30 mcg, 3CT of SD234 Cefepime / Clavulanic acid 30/10 mcg		SD239-1KT	1kit	Miconazole	MIC	30 mcg	SD273-1PK SD273-1VL SD273-5VL SD273-5x50DS SD273-5CT	1pk 1vl 5vl 5x50ds 5ct		
*Kit IV for ESBL Identification, Cefpirome	Kit contains 6 cartridges (6CT): 3CT of SD738 Cefpirome 30 mcg, 3CT of SD235 Cefpirome / Clavulanic acid 30/7.5 mcg		SD241-1KT	1kit	Miconazole	MIC	50 mcg	SD272-1PK SD272-1VL SD272-5VL SD272-5x50DS SD272-5CT	1pk 1vl 5vl 5x50ds 5ct		
<ul style="list-style-type: none"> Refer Hexa Discs section for Hexa G-Minus 23 (HX095) & Hexa G-Minus 24 (HX096) disc specially developed for screening of ESBL producer. 											
Antifungal Agents											
Amphotericin-B	AP	100 units	SD111-1PK SD111-1VL SD111-5VL SD111-5x50DS SD111-5CT	1pk 1vl 5vl 5x50ds 5ct	Nystatin	NS	100 units	SD025-1PK SD025-1VL SD025-5VL SD025-5x50DS SD025-5CT	1pk 1vl 5vl 5x50ds 5ct		
Amphotericin B	AP	20 mcg	SD233-1PK SD233-1VL SD233-5VL SD233-5x50DS SD233-5CT	1pk 1vl 5vl 5x50ds 5ct	Nystatin	NS	50 mcg	SD271-1PK SD271-1VL SD271-5VL SD271-5x50DS SD271-5CT	1pk 1vl 5vl 5x50ds 5ct		
Amphotericin B	AP	50 mcg	SD270-1PK SD270-1VL SD270-5VL SD270-5x50DS SD270-5CT	1pk 1vl 5vl 5x50ds 5ct							
Clotrimazole	CC	10 mcg	SD115-1PK SD115-1VL SD115-5VL SD115-5x50DS SD115-5CT	1pk 1vl 5vl 5x50ds 5ct							
Fluconazole	FLC	10 mcg	SD114-1PK SD114-1VL SD114-5VL SD114-5x50DS SD114-5CT	1pk 1vl 5vl 5x50ds 5ct							
Itraconazole	IT	10 mcg	SD221-1PK SD221-1VL SD221-5VL SD221-5x50DS SD221-5CT	1pk 1vl 5vl 5x50ds 5ct							

▲ Packing : **New** 5x50DS = 5 vials of 50 discs each.

1PK contains 5ct = 5x50 discs in plastic container,
1VL = contains 100 discs in vial,
5VL = 5x100 discs in vial,
5CT = contains 5x50 discs in blister pack.

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Antimicrobial Susceptibility Testing - Hexa Discs

HiMedia 6-in-one ready antibiotic combination modules

[To be used on 90 mm plates (PW008) or 100 mm plates (PW060)]

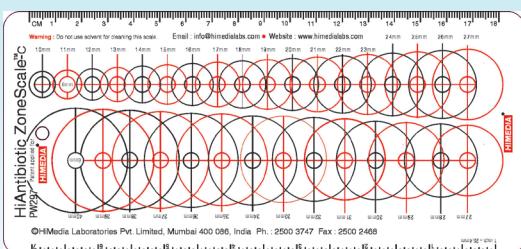


HEXA DISCS

Test 6 different antibiotics at once.



For accurate measurement of Zone



Antibiotic Zone Scale

- HiMedia's Hexa discs are enhanced extensions of Single Discs. These series of discs gives the privilege to study 6 antibiotics on a single plate.
- These are flat circular rings, made of inert material w/ 6 equidistant arms on the outer periphery w/ a 6 mm filter paper disc at the end.
- These discs placed at a distance of 24 mm apart from each other are impregnated with 6 different antibiotics, w/ corresponding symbols & concentrations printed on the ring. The antibiotic impregnated discs function as individual antibiotic susceptibility discs, generating precise circular zones of inhibition for measurement of the zone diameter with minimal merging.
- The unique inert material used for making the rings allows faster absorption of the rings and hence a uniform diffusion of the antibiotics on to the medium.
- The discs are available in various pre-selected combinations of 6 antibiotics. However rings can be made as per individual customized specification.
- These discs are to be used on 100 mm plates like PW060/ 90mm plates like PW001/8. Also available are ready prepared media plates of Mueller Hinton Agar (90 mm) (MP173/MP1084) and Mueller Hinton Agar (100 mm) (MP173C) .

Note: In product description column **Symbol & Quantity** are given in bracket after the Antibiotics name.

Product

Code

Packing
1pk= 10 rings

Gram - Positive Organisms

*Hexa G-plus 1
Penicillin-G (P - 10 units), Oxacillin (OX - 1mcg),
Cephalothin (CEP - 30 mcg), Clindamycin (CD - 2 mcg),
Erythromycin (E - 15 mcg), Amoxycav (AMC - 30 mcg)

HX001-1PK

1pk

*Hexa G-plus 2
Penicillin-G (P - 10 units), Clindamycin (CD - 2 mcg),
Co-Trimoxazole (COT - 25 mcg),
Erythromycin (E - 15 mcg), Vancomycin (VA - 30 mcg),
Ampicillin/Sulbactam (A/S - 10/10 mcg)

HX002-1PK

1pk

*Hexa G-plus 3
Vancomycin (VA - 30 mcg), Ofloxacin (OF - 5 mcg),
Teicoplanin (TEI - 30 mcg), Ceftazidime (CAZ - 30 mcg),
Gentamicin (GEN - 10 mcg), Cefotaxine (CX - 30 mcg)

HX003-1PK

1pk

Product

Code

Packing
1pk= 10 rings

Hexa G-plus 4

Piperacillin (PI - 100 mcg), Linezolid (LZ - 30 mcg),
Ciprofloxacin (CIP - 5 mcg), Teicoplanin (TEI - 30 mcg),
Vancomycin (VA - 30 mcg), Gentamicin (GEN - 10 mcg)

HX004-1PK

1pk

*Hexa G-plus 5

Tetracycline (TE - 30 mcg),
Co-Trimoxazole (COT - 25 mcg),
Cloxacillin (COX - 1 mcg), Lincomycin (L - 2 mcg),
Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg)

HX005-1PK

1pk

*Hexa G-plus 6

Ampicillin (AMP - 10 mcg),
Chloramphenicol (C - 25 mcg),
Penicillin-G (P - 1 unit), Streptomycin (S - 10 mcg),
Sulphamethoxazole (SM - 300 mcg), Tetracycline (TE - 25 mcg)

HX022-1PK

1pk

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Antimicrobial Susceptibility Testing - Hexa Discs

HiMedia 6-in-one ready antibiotic combination modules

[To be used on 90 mm plates (PW008) or 100 mm plates (PW060)]

Product	Code	Packing 1pk=10 rings
*Hexa G-plus 7	HX023-1PK	1pk
Ampicillin (AMP - 10 mcg), Cephalothin (CEP - 30 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Oxacillin (OX - 1 mcg), Vancomycin (VA - 30 mcg)		
*Hexa G-plus 8	HX024-1PK	1pk
Penicillin-G (P - 10 units), Methicillin (MET - 5 mcg), Vancomycin (VA - 30 mcg), Oxacillin (OX - 1 mcg), Erythromycin (E - 15 mcg), Ampicillin (AMP - 10 mcg)		
*Hexa G-Plus 9	HX027-1PK	1pk
Gentamicin (GEN - 10 mcg), Vancomycin (VA - 30 mcg), Fusidic acid (FC - 10 mcg), Chloramphenicol (C - 30 mcg), Methicillin (MET - 5 mcg), Cefepime (CPM - 30 mcg)		
*Hexa G-Plus 10	HX031-1PK	1pk
Penicillin-G (P - 10 units), Erythromycin (E - 15 mcg), Ampicillin (AMP - 10 mcg), Cephalothin (CEP - 30 mcg), Clindamycin (CD - 2 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Hexa G-plus 11	HX034-1PK	1pk
Oxacillin (OX - 1 mcg), Erythromycin (E - 15 mcg), Tetracycline (TE - 30 mcg), Chloramphenicol (C - 30 mcg), Clindamycin (CD - 2 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Hexa G-plus 12	HX039-1PK	1pk
Augmentin (AMC - 30 mcg), Penicillin-G (P - 2 units), Cefotaxime (CX - 30 mcg), Clindamycin (CD - 2 mcg), Imipenem (IPM - 10 mcg), Metronidazole (MT - 5 mcg)		
*Hexa G-plus 13	HX040-1PK	1pk
Cloxacillin (COX - 5 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Tetracycline (TE - 30 mcg), Gentamicin (GEN - 10 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Hexa G-plus 25	HX047-1PK	1pk
Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Levofloxacin (LE - 5 mcg), Tetracycline (TE - 30 mcg)		
*Hexa G-plus 26	HX048-1PK	1pk
Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Levofloxacin (LE - 5 mcg), Penicillin-G (P - 10 units)		
*Hexa G-plus 27	HX049-1PK	1pk
Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Tetracycline (TE - 30 mcg), Vancomycin (VA - 30 mcg)		
*Hexa G-plus 14	HX080-1PK	1pk
Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Linezolid (LZ - 30 mcg), Streptomycin (S - 10 mcg), Vancomycin (VA - 30 mcg)		

Product	Code	Packing 1pk=10 rings
*Hexa G-plus 15	HX081-1PK	1pk
Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Linezolid (LZ - 30 mcg), Penicillin-G (P - 10 units), Streptomycin (S - 10 mcg), Vancomycin (VA - 30 mcg)		
*Hexa G-plus 17	HX083-1PK	1pk
Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Fosfomycin (FO - 200 mcg), Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa G-plus 18	HX090-1PK	1pk
Ciprofloxacin (CIP - 5 mcg), Erythromycin (E - 15 mcg), Gentamicin (GEN - 10 mcg), Lincomycin (L - 15 mcg), Penicillin-G (P - 10 units), Vancomycin (VA - 30 mcg)		
*Hexa G-plus 19	HX091-1PK	1pk
Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Gentamicin (GEN - 10 mcg), Levofloxacin (LE - 5 mcg), Oxacillin (OX - 1 mcg), Vancomycin (VA - 30 mcg)		
Hexa G-plus 20	HX092-1PK	1pk
Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Fusidic Acid (FC - 30 mcg), Linezolid (LZ - 30 mcg), Rifampicin (RIF - 5 mcg), Tetracycline (TE - 30 mcg)		
Hexa G-plus 21	HX093-1PK	1pk
Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Fusidic Acid (FC - 30 mcg), Linezolid (LZ - 30 mcg), Rifampicin (RIF - 5 mcg)		
*Hexa G-plus 24	HX101-1PK	1pk
Vancomycin (VA - 30 mcg), Teicoplanin (TEI - 30 mcg), Linezolid (LZ - 30 mcg), Clindamycin (CD - 2 mcg), Amoxyclav (AMC - 30 mcg), Clarithromycin (CLR - 30 mcg)		
Gram - Negative Organisms		
*Hexa G-minus 1	HX006-1PK	1pk
Ampicillin (AMP - 10 mcg), Amoxyclav (AMC - 30 mcg), Cefotaxime (CTX - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Tobramycin (TOB - 10 mcg)		
*Hexa G-minus 2	HX007-1PK	1pk
Ceftazidime (CAZ - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Amikacin (AK - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Netillin (NET - 30 mcg), Nalidixic acid (NA - 30 mcg)		
*Hexa G-minus 3	HX008-1PK	1pk
Co-Trimoxazole (COT - 25 mcg), Amoxyclav (AMC - 30 mcg), Gentamicin (GEN - 10 mcg), Tetracycline (TE - 30 mcg), Ofloxacin (OF - 5 mcg), Cefuroxime (CXM - 30 mcg)		
*Hexa G-minus 5	HX010-1PK	1pk
Cefotaxime (CTX - 30 mcg), Levofloxacin (LE - 5 mcg), Aztreonam (AT - 30 mcg), Imipenem (IPM - 10 mcg), Amikacin (AK - 30 mcg), Ceftazidime (CAZ - 30 mcg)		

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Antimicrobial Susceptibility Testing - Hexa Discs

HiMedia 6-in-one ready antibiotic combination modules

[To be used on 90 mm plates (PW008) or 100 mm plates (PW060)]



Product	Code	Packing 1pk= 10 rings	Product	Code	Packing 1pk= 10 rings
*Hexa G-minus 7 Recommended for use in the presumptive identification and differentiation of gram-negative anaerobic bacilli and not for therapeutic purposes. Kanamycin (K - 1000 mcg), Rifampicin (RIF - 15 mcg), Penicillin-G (P - 2 units), Vancomycin (VA - 5 mcg), Erythromycin (E - 60 mcg), Colistin (CL - 10 mcg)	HX028-1PK	1pk	*Hexa G-minus 17 Cefepime (CPM - 30 mcg), Cefoperazone (CPZ - 75 mcg), Ceftriaxone (CTR - 30 mcg), Cefoxitin (CX - 30 mcg), Imipenem (IPM - 10 mcg), Ticarcillin/Clavulanic Acid (TCC - 75/10 mcg)	HX066-1PK	1pk
*Hexa G-Minus 8 Amikacin (AK - 30mcg), Ceftazidime (CAZ - 30 mcg), Aztreonam (AT - 30 mcg), Piperacillin (PI - 100 mcg), Imipenam (IPM - 10 mcg), Ciprofloxacin (CIP - 5 mcg)	HX030-1PK	1pk	*Hexa G-minus 18 Amikacin (AK - 30 mcg), Cefaclor (CF - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefuroxime axetil (CXM - 30 mcg), Cefoxitin (CX - 30 mcg), Ticarcillin/Clavulanic Acid (TCC - 75/10 mcg)	HX067-1PK	1pk
*Hexa G-minus 9 Ampicillin (AMP - 10 mcg), Gentamicin (GEN - 10 mcg), Nalidixic acid (NA - 30 mcg), Chloramphenicol (C - 30 mcg), Cefalexin (CN - 30 mcg), Co-Trimoxazole (COT - 25 mcg)	HX035-1PK	1pk	*Hexa G-minus 19 Amikacin (AK - 30 mcg), Cefixime (CFM - 5 mcg), Cefuroxime axetil (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefoxitin (CX - 30 mcg), Meropenem (MRP - 10 mcg)	HX068-1PK	1pk
*Hexa G-minus 20 Ampicillin (AMP - 10 mcg), Gentamicin (GEN - 10 mcg), Tetracycline (TE - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefalexin (CN - 30 mcg), Co-Trimoxazole (COT - 25 mcg)	HX036-1PK	1pk	*Hexa G-minus 20 Ampicillin (AMP - 10 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg), Tetracycline (TE - 30 mcg)	HX069-1PK	1pk
*Hexa G-minus 26 Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Ceftazidime (CAZ - 30 mcg), Cefotaxime (CTX - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg)	HX056-1PK	1pk	*Hexa G-minus 21 Ampicillin (AMP - 10 mcg), Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)	HX070-1PK	1pk
*Hexa G-minus 27 Amoxyclav (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ceftazidime (CAZ - 30 mcg), Ceftriaxone (CTR - 30 mcg), Gentamicin (GEN - 10 mcg), Ofloxacin (OF - 5 mcg)	HX057-1PK	1pk	*Hexa G-minus 23 For Initial Screen test of ESBL producers Aztreonam (AT - 30 mcg), Cefpodoxime (CPD - 10 mcg), Cefpodoxime/Clavulanic acid (CCL - 10/5 mcg), Ceftazidime (CAZ - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefotaxime (CTX - 30 mcg)	HX095-1PK	1pk
*Hexa G-minus 28 Amoxyclav (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ceftazidime (CAZ - 30 mcg), Cefotaxime (CTX - 30 mcg), Gentamicin (GEN - 10 mcg), Levofloxacin (LE - 5 mcg)	HX058-1PK	1pk	*Hexa G-minus 24 For Phenotypic Confirmation of ESBL producers Cefpodoxime (CPD - 10 mcg), Cefpodoxime/Clavulanic acid (CCL - 10/5 mcg), Ceftazidime (CAZ - 30 mcg), Ceftazidime/Clavulanic acid (CAC - 30/10 mcg), Cefotaxime (CTX - 30 mcg), Cefotaxime/Clavulanic acid (CEC - 30/10mcg)	HX096-1PK	1pk
*Hexa G-minus 10 Amoxyclav (AMC - 30 mcg), Cefepime (CPM - 30 mcg), Cefotaxime (CTX - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Imipenem (IPM - 10 mcg)	HX059-1PK	1pk	*Hexa G-minus 25 Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Netilin (NET - 30 mcg), Piperacillin (PI - 100 mcg), Ceftazidime (CAZ - 30 mcg), Cefoperazone (CPZ - 75 mcg)	HX102-1PK	1pk
*Hexa G-minus 11 Amikacin (AK - 30 mcg), Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Ceftriaxone (CTR - 30 mcg), Ofloxacin (OF - 5 mcg), Ticarcillin/Clavulanic Acid (TCC - 75/10 mcg)	HX060-1PK	1pk			
*Hexa G-minus 13 Amikacin (AK - 30 mcg), Ampicillin (AMP - 10 mcg), Cefepime (CPM - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefoxitin (CX - 30 mcg), Ciprofloxacin (CIP - 5 mcg)	HX062-1PK	1pk			
*Hexa G-minus 14 Amikacin (AK - 30 mcg), Ampicillin (AMP - 10 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)	HX063-1PK	1pk			
*Hexa G-minus 15 Ampicillin (AMP - 10 mcg), Cefepime (CPM - 30 mcg), Cefotaxime (CTX - 30 mcg), Gentamicin (GEN - 10 mcg), Imipenem (IPM - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg)	HX064-1PK	1pk			
Pseudomonas					
			*Hexa Pseudo 1 Cefoperazone (CPZ - 75 mcg), Piperacillin (PI - 100 mcg), Levofloxacin (LE - 5 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30mcg), Colistin (CL - 10 mcg)	HX011-1PK	1pk
			*Hexa Pseudo 2 Imipenem (IPM - 10 mcg), Aztreonam (AT - 30 mcg), Cefoperazone/Sulbactam (CFS - 75/10 mcg), Pipercillin/Tazobactam (PIT - 100/10 mcg), Ceftazidime (CAZ - 30 mcg), Netilin (NET - 30 mcg)	HX012-1PK	1pk

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Antimicrobial Susceptibility Testing - Hexa Discs

HiMedia 6-in-one ready antibiotic combination modules

[To be used on 90 mm plates (PW008) or 100 mm plates (PW060)]

Product	Code	Packing 1pk=10 rings
*Hexa Pseudo 3	HX013-1PK	1pk
Amikacin (AK - 30 mcg), Carbenicillin (CB - 100 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Tobramycin (TOB - 10 mcg), Mezlocillin (MZ - 75 mcg)		
*Hexa Pseudo 4	HX026-1PK	1pk
Amikacin (AK - 30mcg), Gentamicin (GEN - 10 mcg), Cefepime (CPM - 30 mcg), Ticarcillin (TI - 75 mcg), Piperacillin (PI - 100 mcg), Imipenem (IPM - 10 mcg)		
*Hexa Pseudo 5	HX029-1PK	1pk
Ceftazidime (CAZ - 30 mcg), Imipenem (IPM - 10 mcg), Piperacillin (PI - 100 mcg), Ciprofloxacin (CIP - 5 mcg), Aztreonam (AT - 30 mcg), Tobramycin (TOB - 10 mcg)		
*Hexa Pseudo 7	HX051-1PK	1pk
Amikacin (AK - 30 mcg), Cefepime (CPM - 30 mcg), Ceftazidime (CAZ - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Meropenem (MRP - 10 mcg)		
*Hexa Pseudo 9	HX053-1PK	1pk
Ceftazidime (CAZ - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Imipenem (IPM - 10 mcg), Ticarcillin/Clavulanic Acid (TCC - 75/10 mcg)		
*Hexa Pseudo 10	HX054-1PK	1pk
Amikacin (AK - 30 mcg), Cefoperazone (CPZ - 75 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Imipenem (IPM - 10 mcg), Piperacillin (PI - 100 mcg)		
*Hexa Pseudo 11	HX055-1PK	1pk
Amikacin (AK - 30 mcg), Aztreonam (AT - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Meropenem (MRP - 10 mcg), Tobramycin (TOB - 10 mcg)		
*Hexa Pseudo 12	HX103-1PK	1pk
Ciprofloxacin (CIP - 5 mcg), Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Ertapenem (ETP - 10 mcg), Cefoperazone/Subactam (CFS - 75/30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg)		

UTI Pathogenic Organisms

*Hexa UTI 1	HX014-1PK	1pk
Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg), Oxytetracycline (O - 30 mcg), Cefuroxime (CXM - 30 mcg), Amoxyclav (AMC - 30 mcg), Gentamicin (GEN - 10 mcg)		
*Hexa UTI 2	HX015-1PK	1pk
Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg), Gentamicin (GEN - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Netilin (NET - 30 mcg), Ampicillin (AMP - 10 mcg)		

*Hexa UTI 3	HX033-1PK	1pk
Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Cephalothin (CEP - 30 mcg), Ampicillin (AMP - 25 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg)		

Product	Code	Packing 1pk=10 rings
*Hexa UTI 4	HX037-1PK	1pk
Ampicillin (AMP - 25 mcg), Gentamicin (GEN - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Ciprofloxacin (CIP - 5 mcg), Nalidixic acid (NA - 30 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Hexa UTI 13	HX072-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Fosfomycin (FO - 200 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 5	HX073-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 6	HX074-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Cefuroxime axetil (CXM - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 7	HX075-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Cefotaxime (CTX - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 8	HX076-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ceftriaxone (CTR - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 9	HX077-1PK	1pk
Amoxyclov (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg)		
*Hexa UTI 11	HX079-1PK	1pk
Amikacin (AK - 30 mcg), Amoxyclov (AMC - 30 mcg), Ceftriaxone (CTR - 30 mcg), Fosfomycin (FO - 200 mcg), Gentamicin (GEN - 10 mcg), Nitrofurantoin (NIT - 300 mcg)		

Haemophilus

*Hexa Haemophilus 2	HX017-1PK	1pk
Erythromycin (E - 15 mcg), Cephalothin (CEP - 30 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Cefuroxime (CXM - 30 mcg), Ofloxacin (OF - 5 mcg), Oxytetracycline (O - 30 mcg)		
*Hexa Haemophilus 4	HX084-1PK	1pk
Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)		

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

The Code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

Antimicrobial Susceptibility Testing - Hexa Discs

HiMedia 6-in-one ready antibiotic combination modules

[To be used on 90 mm plates (PW008) or 100 mm plates (PW060)]



Product	Code	Packing 1pk= 10 rings
*Hexa Haemophilus 6	HX086-1PK	1pk
Amoxycav (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)		
*Hexa Haemophilus 7	HX087-1PK	1pk
Amoxycav (AMC - 30 mcg), Ampicillin (AMP - 10 mcg), Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)		
*Hexa Haemophilus 8	HX088-1PK	1pk
Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactum (A/S - 10/10 mcg), Cefuroxime axetil (CXM - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg)		
*Hexa Haemophilus 9	HX089-1PK	1pk
Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactum (A/S - 10/10 mcg), Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Imipenem (IPM - 10 mcg)		
Pneumococci		
*Hexa Pneumococci 2	HX020-1PK	1pk
Vancomycin (VA - 30 mcg), Cefuroxime (CXM - 30 mcg), Levofloxacin (LE - 5 mcg), Gentamicin (GEN - 10 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg) Co-Trimoxazole (COT - 25 mcg)		
*Hexa Pneumococci-4	HX042-1PK	1pk
Oxacillin (OX - 1 mcg), Co-Trimoxazole (COT - 25 mcg), Erythromycin (E - 15 mcg), Levofloxacin (LE - 5 mcg), Lincomycin (L - 15 mcg), Tetracycline (TE - 30 mcg)		
*Hexa Pneumococci-7	HX045-1PK	1pk
Chloramphenicol (C - 30 mcg), Erythromycin (E - 15 mcg), Levofloxacin (LE - 5 mcg), Oxacillin (OX - 1 mcg), Rifampicin (RIF - 5 mcg), Vancomycin (VA - 30 mcg)		
*Hexa Pneumococci-8	HX046-1PK	1pk
Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Levofloxacin (LE - 5 mcg), Oxacillin (OX - 1 mcg), Rifampicin (RIF - 5 mcg), Vancomycin (VA - 30 mcg)		
Anaerobic Bacteria		
*Hexa Anaerobic 1	HX021-1PK	1pk
Penicillin-G (P - 10 units), Tetracycline (TE - 30 mcg), Lincomycin (L - 2 mcg), Gentamicin (GEN - 10 mcg), Cefotaxime (CTX - 30 mcg), Cefotaxime (CX - 30 mcg)		

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

The Code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

Product	Code	Packing 1pk= 10 rings
General Purpose		
*Hexa Universal - 1	HX032-1PK	1pk
Bacitracin (B - 10 units), Chloramphenicol (C - 30 mcg), Penicillin-G (P - 10 units), Polymyxin B (PB - 300 mcg), Gentamicin (GEN - 10 mcg), Neomycin (N - 30 mcg)		
*Hexa Universal-2	HX038-1PK	1pk
Cefotaxime (CTX - 30 mcg), Augmentin (AMC - 30 mcg), Erythromycin (E - 10 mcg), Chloramphenicol (C - 30 mcg), Ofloxacin (OF - 5 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Hexa Universal - 4	HX715-1PK	1pk
New Ampicillin (AMP - 10 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Penicillin-G (P - 10 units), Erythromycin (E - 15 mcg), Gentamicin (HLG - 120 mcg), Ceftriaxone (CTR - 30 mcg)		
Hexa Universal - 5	HX716-1PK	1pk
New Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5mcg), Clindamycin (CD - 2 mcg), Teicoplanin (TEI - 30 mcg), Vancomycin (VA - 30 mcg), Linezolid (LZ - 30 mcg)		
Antifungal		
Hexa Antimyco-01	HX104-1PK	1pk
Amphotericin-B (AP - 100 units), Clotrimazole (CC - 10 mcg), Fluconazole (FLC - 25 mcg), Itraconazole (IT - 10 mcg), Ketoconazole (KT - 10 mcg), Nystatin (NS - 100 units)		



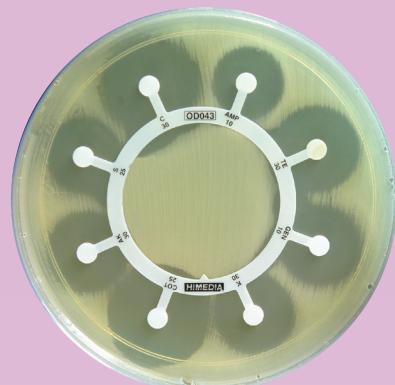
Hexa G-minus 1 – HX006

Tested with *Escherichia coli* ATCC 25922

OCTO DISCS

**Test 8 different antibiotics
in one shot**

- Available in two different sizes, HiMedia's Octo Discs will help in testing 8 different antibiotics in one shot.
- These are flat circular rings, made of inert material w/ 8 equidistant arms on the outer periphery w/ a 6 mm filter paper disc at the end. Available in 2 sizes, the smaller size can be used on 90 mm plates, whereas the bigger sizes are to be used on 120 mm plates.
- For the bigger size rings, the discs placed at a distance of 24 mm apart from each other are impregnated w/ 8 different antibiotics, w/ corresponding symbols & concentrations printed on the ring. The antibiotic impregnated discs function as individual antibiotic susceptibility discs, generating precise circular zones of inhibition for measurement of the zone diameter with minimal merging.
- However for smaller rings, the distance between the two discs is lesser than 24 mm which might lead to merging of zones.
- The unique inert material used for making the rings allows faster absorption of the rings and hence a uniform diffusion of the antibiotics on to the medium.
- The discs are available in various pre-selected combinations of 8 antibiotics. Also rings can be made as per individual customized specification.
- The smaller size rings are to be used on 100 mm plates like PW060 or on 90mm plates like PW001, PW008. Also available are ready prepared media plates of Mueller Hinton Agar (90 mm) (MP173/MP1084) and Mueller Hinton Agar (100 mm) (MP173C).
- For the bigger size rings, 120 mm plates like PW1146 are to be used. Also available are ready prepared media plates of Mueller Hinton Agar (120 mm) (MP173M).



OD043 when tested with
E. coli ATCC 25922
gives clear unmerged zones.



OD043R when tested with
E. coli ATCC 25922
gives clear but merged zones.

Note: In product description column **Symbol & Quantity** are given in bracket after the Antibiotics name.

Product	Code #	Packing 1pk= 10 rings
Gram - Positive Organisms		
*Combi I Cephalothin (CEP - 30 mcg), Clindamycin (CD - 2 mcg), Co-Trimoxazole (COT - 25 mcg), Erythromycin (E - 15 mcg), Gentamicin (GEN - 10 mcg), Ofloxacin (OF - 1 mcg), Penicillin-G (P - 10 units), Vancomycin (VA - 30mcg)	OD020-1PK OD020R-1PK	1pk 1pk
*Combi IV Ampicillin (AMP - 10 mcg), Cephalothin (CEP - 30 mcg), Chloramphenicol (C - 30 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg), Gentamicin (GEN - 10 mcg), Oxacillin (OX - 1 mcg), Vancomycin (VA - 30 mcg)	OD023-1PK OD023R-1PK	1pk 1pk

Product	Code #	Packing 1pk= 10 rings
*Combi VII Amoxicillin (AMX - 10 mcg), Cloxacillin (COX - 5 mcg), Erythromycin (E - 15 mcg), Tetracycline (TE - 10 mcg), Penicillin-G (P - 2 units), Co-Trimoxazole (COT - 25 mcg), Penicillin-V (PV - 3 mcg), Cefalexin (CN - 30 mcg)	OD026-1PK OD026R-1PK	1pk 1pk
*Combi XIII Penicillin-G (P - 2 units), Tetracycline (TE - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Cloxacillin (COX - 5 mcg), Cefradine (CH - 30 mcg), Erythromycin (E - 10 mcg), Lincomycin (L - 10 mcg), Cefuroxime (CXM - 30 mcg)	OD032-1PK OD032R-1PK	1pk 1pk

: Code Nos which are having suffix 'R' (OD000R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

Antimicrobial Susceptibility Testing - Octodiscs

HiMedia 8-in-one ready antibiotic combination modules



Product	Code #	Packing 1pk= 10 rings	Product	Code #	Packing 1pk= 10 rings
*Combi 69	OD271-1PK OD271R-1PK	1pk 1pk	*Combi 533	OD750-1PK OD750R-1PK	1pk 1pk
Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Sparfloxacin (SPX - 5 mcg), Gatifloxacin (GAT - 5 mcg), Aztreonam (AT - 30 mcg), Azithromycin (AZM - 15 mcg), Vancomycin (VA - 30 mcg), Doxycycline Hydrochloride (DO - 30 mcg)			Amoxycillin (AMX - 10 mcg), Amoxyclav (AMC - 10 mcg), Ceftriaxone (CTR - 30 mcg), Cefoperazone (CPZ - 75 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Amikacin (AK - 30 mcg), Gentamicin (GEN - 10 mcg)		
*Combi 77	OD277-1PK OD277R-1PK	1pk 1pk	*Combi 534	OD751-1PK OD751R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Cefotaxime (CTX - 30 mcg), Amoxicillin (AMX - 30 mcg), Cefepime (CPM - 30mcg), Chloramphenicol (C - 30 mcg), Cefalexin (CN - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Isepamicin (IP - 30 mcg)			Ceftazidime (CAZ - 30 mcg), Cefotaxime (CTX - 30 mcg), Ceftazidime/Clavulanic acid (CAC - 30/10 mcg), Cefotaxime/Clavulanic acid (CEC - 30/10 mcg), Imipenem (IPM - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Colistin (CL - 10 mcg), Cefepime (CPM - 30 mcg)		
*Combi 80	OD280-1PK OD280R-1PK	1pk 1pk	*Combi 535	OD752-1PK OD752R-1PK	1pk 1pk
Penicillin-G (P - 10 units), Azithromycin (AZM - 15 mcg), Vancomycin (VA - 30 mcg), Cefazolin (CZ - 30 mcg), Clindamycin (CD - 2 mcg), Cloxacillin (COX - 30 mcg), Erythromycin (E - 15 mcg), Teicoplanin (TEI - 30 mcg)			Ampicillin (AMP - 10 mcg), Amoxyclav (AMC - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefadroxil (CFR - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gatifloxacin (GAT - 5 mcg), Lincomycin (L - 2 mcg), Cefotaxime (CTX - 30 mcg)		
*Combi 85	OD281-1PK OD281R-1PK	1pk 1pk	*Combi 536	OD753-1PK OD753R-1PK	1pk 1pk
Co-Trimoxazole (COT - 25 mcg), Gatifloxacin (GAT - 5 mcg), Cefuroxime (CXM - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefalexin (CN - 30 mcg), Chloramphenicol (C - 30 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Azithromycin (AZM - 15 mcg)			Cefoxitin (CX - 30 mcg), Erythromycin (E - 15 mcg), Clindamycin (CD - 2 mcg), Azithromycin (AZM - 15 mcg), Vancomycin (VA - 30 mcg), Teicoplanin (TEI - 30 mcg), Linezolid (LZ - 30 mcg), Cefpirome (CFP - 30 mcg)		
*Combi 90	OD291-1PK OD291R-1PK	1pk 1pk	*Combi 537	OD754-1PK OD754R-1PK	1pk 1pk
Ampicillin (AMP - 10 mcg), Levofloxacin (LE - 5 mcg), Vancomycin (VA - 30 mcg), Cephalothin (CEP - 30 mcg), Gentamicin (GEN - 10 mcg), Oxacillin (OX - 1 mcg), Clindamycin (CD - 2 mcg), Erythromycin (E - 15 mcg)			Tetracycline (TE - 30 mcg), Chloramphenicol (C - 30 mcg), Co-trimoxazole (COT - 25 mcg), Ofloxacin (OF - 5 mcg), Tobramycin (TOB - 10 mcg), Roxithromycin (RO - 15 mcg), Cefoperazone/Subactam (CFS - 75/10 mcg), Cefixime (CFM - 5 mcg)		
*Combi 94	OD298-1PK OD298R-1PK	1pk 1pk	*G-I-plus	OD001-1PK OD001R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Amoxyclav (AMC - 30 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Azithromycin (AZM - 15mcg), Cefepime (CPM - 30 mcg), Cefoperazone/Subactam (CFS - 75/30 mcg), Cefpirome (CFP - 30 mcg), Ceftazidime (CAZ - 30 mcg)			Amoxyclav (AMC - 10 mcg), Cefalexin (CN - 10 mcg), Ciprofloxacin (CIP - 10 mcg), Clindamycin (CD - 2 mcg), Cloxacillin (COX - 1 mcg), Co-Trimoxazole (COT - 25 mcg), Erythromycin (E - 15 mcg), Tetracycline (TE - 30 mcg)		
*Combi 510	OD286-1PK OD286R-1PK	1pk 1pk	*G-II-plus	OD002-1PK OD002R-1PK	1pk 1pk
Penicillin-G (P - 10 units), Erythromycin (E - 15 mcg), Vancomycin (VA - 30 mcg), Teicoplanin (TEI - 30 mcg), Clindamycin (CD - 2 mcg), Ofloxacin (OF - 5 mcg), Azithromycin (AZM - 15 mcg), Tetracycline (TE - 30 mcg)			Ampicillin (AMP - 10 mcg), Carbenicillin (CB - 100 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Co-trimazine (CM - 25 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg), Oxacillin (OX - 5 mcg)		
*Combi 514	OD290-1PK OD290R-1PK	1pk 1pk	*G-III-plus	OD003-1PK OD003R-1PK	1pk 1pk
Penicillin-G (P - 2 units), Erythromycin (E - 10 mcg), Cefazolin (CZ - 30 mcg), Lincomycin (L - 2 mcg), Cloxacillin (COX - 5 mcg), Vancomycin (VA - 30 mcg), Gentamicin (GEN - 10 mcg), Teicoplanin (TEI - 30 mcg)			Amikacin (AK - 10 mcg), Amoxicillin (AMX - 10 mcg), Bacitracin (B - 10 units), Cephalothin (CEP - 30 mcg), Erythromycin (E - 15 mcg), Novobiocin (NV - 30 mcg), Oxytetracycline (O - 30 mcg), Vancomycin (VA - 30 mcg)		
*Combi 523	New OD740-1PK OD740R-1PK	1pk 1pk	*G-IV-plus	OD004-1PK OD004R-1PK	1pk 1pk
Amoxyclav (AMC - 30 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Cefotaxime (CTX - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Nitrofurantoin (NIT - 300 mcg), Cefuroxime (CXM - 30 mcg)			Cefaloridine (CR - 30 mcg), Kanamycin (K - 30 mcg), Lincomycin (L - 2 mcg), Methicillin (MET - 5 mcg), Norfloxacin (NX - 10 mcg), Oleandomycin (OL - 15 mcg), Penicillin-G (P - 10 units), Tobramycin (TOB - 10 mcg)		
*Combi 524	New OD741-1PK OD741R-1PK	1pk 1pk			
Levofloxacin (LE - 5 mcg), Cefpodoxime (CPD - 10 mcg), Cefixime (CZX - 30 mcg), Cefoperazone (CPZ - 75 mcg), Amikacin (AK - 30 mcg), Cefixime (CFM - 5 mcg), Ofloxacin (OF - 5 mcg), Ticarcillin (TI - 75 mcg)					

: Code Nos which are having suffix 'R' (OD000R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

258

* : On receipt, store at -20°C.

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Product	Code #	Packing 1pk= 10 rings
*G-V-plus	OD033-1PK OD033R-1PK	1pk 1pk
Amoxicillin (AMX -10 mcg), Tetracycline (TE - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Erythromycin (E - 15 mcg), Chloramphenicol (C - 30 mcg), Cefalexin (CN - 30 mcg)		
*G-VI-plus	OD034-1PK OD034R-1PK	1pk 1pk
Ceftriaxone (CTR - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefotaxime (CTX - 30 mcg), Lincomycin (L - 2 mcg), Netilmicin (NET - 30 mcg), Ofloxacin (OF - 5 mcg), Vancomycin (VA - 30 mcg), Amikacin (AK - 30 mcg)		
*G-VIII-plus	OD038-1PK OD038R-1PK	1pk 1pk
Bacitracin (B - 10 units), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Penicillin-G (P - 10 units), Polymyxin-B (PB - 300 units), Gentamicin (GEN - 10 mcg), Neomycin (N - 30 mcg), Tetracycline (TE - 30 mcg)		
*G-X-plus	OD011-1PK OD011R-1PK	1pk 1pk
Chloramphenicol (C - 25 mcg), Erythromycin (E - 5 mcg), Fusidic acid (FC - 10 mcg), Methicillin (MET - 10 mcg), Novobiocin (NV - 5 mcg), Penicillin-G (P - 1 unit), Streptomycin (S - 10 mcg), Tetracycline (TE - 25 mcg)		
*G-XII-plus	OD041-1PK OD041R-1PK	1pk 1pk
Tetracycline (TE - 30 mcg), Chloramphenicol (C - 30 mcg), Ampicillin (AMP - 10 mcg), Gentamicin (GEN - 10 mcg), Cefazolin (CZ - 30 mcg), Cefuroxime (CXM - 30 mcg), Amikacin (AK - 30 mcg), Co-Trimoxazole (COT - 25 mcg)		
*G-XIV-plus	OD050-1PK OD050R-1PK	1pk 1pk
Penicillin-G (P - 10 units), Gentamicin (GEN - 10 mcg), Augmentin (AMC - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Erythromycin (E - 10 mcg), Fusidic acid (FC - 10 mcg), Chloramphenicol (C - 30 mcg), Vancomycin (VA - 30 mcg)		
*G Plus-15	OD303-1PK OD303R-1PK	1pk 1pk
Penicillin-G (P - 10 units), Ampicillin (AMP - 10 mcg), Vancomycin (VA - 30 mcg), Linezolid (LZ - 30 mcg), Erythromycin (E - 15 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Gentamicin (HLG - 120 mcg), Levofloxacin (LE - 5 mcg)		
*G Plus-16	OD304-1PK OD304R-1PK	1pk 1pk
Penicillin-G (P - 10 units), Amoxicillin/Clavulanic acid (AMC - 20/10 mcg), Cefotaxime (CX - 30 mcg), Vancomycin (VA - 30 mcg), Linezolid (LZ - 30 mcg), Erythromycin (E - 15 mcg), Clindamycin (CD - 2 mcg), Gentamicin (GEN - 10 mcg)		
*G Plus-17	OD305-1PK OD305R-1PK	1pk 1pk
Doxycycline Hydrochloride (DO - 30 mcg), Levofloxacin (LE - 5 mcg), Cefepime (CPM - 30 mcg), Ceftriaxone (CTR - 30 mcg), Quinupristin/Dalfopristin (RP - 15/15 mcg), Co-Trimoxazole (COT - 25 mcg), Amikacin (AK - 30 mcg), Sparfloxacin (SPX - 5 mcg)		
*G Plus-18	OD309-1PK OD309R-1PK	1pk 1pk
Oxacillin (OX - 1 mcg), Penicillin-G (P - 10 units), Erythromycin (E - 15 mcg), Clindamycin (CD - 2 mcg), Linezolid (LZ - 30 mcg), Vancomycin (VA - 30 mcg), Teicoplanin (TEI - 30 mcg), Gentamicin (HLG - 120 mcg)		

Product	Code #	Packing 1pk= 10 rings
Gram - Negative Organisms		
*Combi 61	OD258-1PK OD258R-1PK	1pk 1pk
Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Tobramycin (TOB - 10 mcg), Moxifloxacin (MO - 5 mcg), Ofloxacin (OF - 5 mcg), Sparfloxacin (SPX - 5 mcg), Levofloxacin (LE - 5 mcg)		
*Combi 70	OD272-1PK OD272R-1PK	1pk 1pk
Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Norfloxacin (NX - 10 mcg), Levofloxacin (LE - 5 mcg), Aztreonam (AT - 30 mcg), Gatifloxacin (GAT - 5 mcg), Nitrofurantoin (NT - 300 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Combi 78	OD278-1PK OD278R-1PK	1pk 1pk
Ceftriaxone (CTR - 30 mcg), Gentamicin (GEN - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Levofloxacin (LE - 5 mcg), Netilmicin (NET - 30 mcg), Tetracycline (TE - 30 mcg), Amoxyclav (AMC - 30 mcg), Ofloxacin (OF - 5 mcg)		
*Combi 92	OD293-1PK OD293R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg), Cefazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Cefotaxime (CTX - 30 mcg), Ceftriaxone (CTR - 30 mcg)		
*Combi 95	OD299-1PK OD299R-1PK	1pk 1pk
Ceftizoxime (CZX - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefadroxil (CFR - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Gatifloxacin (GAT - 5 mcg), Gentamicin (GEN - 10 mcg)		
*Combi 508	OD284-1PK OD284R-1PK	1pk 1pk
Ceftazidime (CAZ - 30 mcg), Cefotaxime (CTX - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Ceftriaxone (CTR - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Netilmicin (NET - 30 mcg), Gatifloxacin (GAT - 30 mcg)		
*Combi 509	OD285-1PK OD285R-1PK	1pk 1pk
Tobramycin (TOB - 10 mcg), Imipenem (IPM - 10 mcg), Augmentin (AMC - 30 mcg), Cefotaxime (CTX - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Cefoperazone (CPZ - 75 mcg), Nalidixic acid (NA - 30 mcg), Norfloxacin (NX - 10 mcg)		
*Combi 513	OD289-1PK OD289R-1PK	1pk 1pk
Cefuroxime (CXM - 30 mcg), Gentamicin (GEN - 10 mcg), Ampicillin (AMP - 10 mcg), Ceftriaxone (CTR - 30 mcg), Amikacin (AK - 30 mcg), Cephalexin (CEP - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg)		
*Combi 517	OD296-1PK OD296R-1PK	1pk 1pk
Cefuroxime (CXM - 30 mcg), Cefadroxil (CFR - 30 mcg), Cefazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Cefpirome (CFP - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefizoxime (CZX - 30 mcg), Polymyxin-B (PB - 300 units)		

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Antimicrobial Susceptibility Testing - Octodiscs

HiMedia 8-in-one ready antibiotic combination modules



Product	Code #	Packing 1pk= 10 rings	Product	Code #	Packing 1pk= 10 rings
*Combi 518 Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ofloxacin (OF - 5 mcg), Gatifloxacin (GAT - 5 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Co-Trimoxazole (COT - 25 mcg), Doxycycline Hydrochloride (DO - 30 mcg)	OD297-1PK OD297R-1PK	1pk 1pk	*G-IX-minus Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 10 mcg), Colistin (CL - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Streptomycin (S - 10 mcg), Tetracycline (TE - 30 mcg)	OD045-1PK OD045R-1PK	1pk 1pk
*G-I-minus Ampicillin (AMP - 10 mcg), Ciprofloxacin (CIP - 10 mcg), Colistin (CL - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Streptomycin (S - 10 mcg), Tetracycline (TE - 30 mcg)	OD005-1PK OD005R-1PK	1pk 1pk	*G-XI-minus Chloramphenicol (C - 25 mcg), Ampicillin (AMP - 25 mcg), Tetracycline (TE - 25 mcg), Gentamicin (GEN - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Ceftriaxone (CTR - 30 mcg), Cefuroxime (CXM - 30 mcg), Ciprofloxacin (CIP - 10 mcg)	OD047-1PK OD047R-1PK	1pk 1pk
*G-II-minus Cefotaxime (CTX - 30 mcg), Cefalexin (CN - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Chloramphenicol (C - 30 mcg), Nalidixic acid (NA - 30 mcg), Furazolidone (FR - 50 mcg), Norfloxacin (NX - 10 mcg), Oxytetracycline (O - 30 mcg)	OD006-1PK OD006R-1PK	1pk 1pk	*G-XII-minus Chloramphenicol (C - 30 mcg), Ampicillin (AMP - 10 mcg), Tetracycline (TE - 25 mcg), Gentamicin (GEN - 30 mcg), Streptomycin (S - 10 mcg), Kanamycin (K - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Amikacin (AK - 10 mcg)	OD053-1PK OD053R-1PK	1pk 1pk
*G-III-minus Amikacin (AK - 10 mcg), Carbenicillin (CB - 100 mcg), Ciprofloxacin (CIP - 10 mcg), Co-Trimazine (CM - 25 mcg), Kanamycin (K - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Streptomycin (S - 10 mcg), Tetracycline (TE - 30 mcg)	OD007-1PK OD007R-1PK	1pk 1pk	*G-XIII-minus Amikacin (AK - 30 mcg), Ceftazidime (CAZ - 30 mcg), Chloramphenicol (C - 30 mcg), Aztreonam (AT - 30 mcg), Tetracycline (TE - 30 mcg), Piperacillin (PI - 100 mcg), Imipenem (IPM - 10 mcg), Ciprofloxacin (CIP - 1 mcg)	OD055-1PK OD055R-1PK	1pk 1pk
*G-IV-minus Ampicillin (AMP - 10 mcg), Cephalothin (CEP - 5 mcg), Colistin sulphate (CL - 25 mcg), Gentamicin (GEN - 10 mcg), Streptomycin (S - 10 mcg), Sulphatriad (S3 - 200 mcg), Tetracycline (TE - 25 mcg), Co-Trimoxazole (COT - 25 mcg)	OD014-1PK OD014R-1PK	1pk 1pk	*G-XVIII-minus Ceftazidime (CAZ - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefotaxime (CTX - 30 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg), Netilin (NET - 30 mcg), Ofloxacin (OF - 5 mcg)	OD057-1PK OD057R-1PK	1pk 1pk
*G-V-minus Ampicillin (AMP - 10 mcg), Ticarcillin (TI - 75 mcg), Gentamicin (GEN - 10 mcg), Cefalexin (CN - 30 mcg), Trimethoprim (TR - 1.25 mcg), Sulphamethoxazole (SX - 25 mcg), Tetracycline (TE - 25 mcg), Colistin methane sulphonate (CL - 25 mcg)	OD015-1PK OD015R-1PK	1pk 1pk	*G-XXI-minus Chloramphenicol (C - 30 mcg), Ampicillin (AMP - 10 mcg), Tetracycline (TE - 30 mcg), Gentamicin (GEN - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Ceftriaxone (CTR - 30 mcg), Cefuroxime (CXM - 30 mcg), Ciprofloxacin (CIP - 5 mcg)	OD060-1PK OD060R-1PK	1pk 1pk
*G-VI-minus Ceftazidime (CAZ - 30 mcg), Ciprofloxacin (CIP - 30 mcg), Cefotaxime (CTX - 30 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg), Netilin (NET - 30 mcg), Ofloxacin (OF - 5 mcg)	OD042-1PK OD042R-1PK	1pk 1pk	*G-XXII-minus Chloramphenicol (C - 30 mcg), Ampicillin (AMP - 10 mcg), Tetracycline (TE - 30 mcg), Gentamicin (GEN - 10 mcg), Streptomycin (S - 10 mcg), Kanamycin (K - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Amikacin (AK - 30 mcg)	OD061-1PK OD061R-1PK	1pk 1pk
*G-VII-minus Chloramphenicol (C - 30 mcg), Ampicillin (AMP - 10 mcg), Tetracycline (TE - 30 mcg), Gentamicin (GEN - 10 mcg), Kanamycin (K - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Amikacin (AK - 30 mcg), Streptomycin (S - 25 mcg)	OD043-1PK OD043R-1PK	1pk 1pk	*G minus-24 Piperacillin/Tazobactam (PIT - 100/10 mcg), Piperacillin (PI - 100 mcg), Gentamicin (GEN - 10 mcg), Cefotaxime (CTX - 30 mcg), Amikacin (AK - 30 mcg), Meropenem (MRP - 10 mcg), Cefepime (CPM - 30 mcg), Levofloxacin (LE - 5 mcg)	OD301-1PK OD301R-1PK	1pk 1pk
*G-VIII-minus Nalidixic acid (NA - 30 mcg), Norfloxacin (NX - 300 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Ampicillin (AMP - 25 mcg), Cefalexin (CN - 30 mcg), Norfloxacin (NX - 10 mcg), Mecillinam (MEC - 33 mcg)	OD044-1PK OD044R-1PK	1pk 1pk	*G minus-25 Ampicillin (AMP - 10 mcg), Amoxicillin/Clavulanic acid (AMC - 20/10 mcg), Cefotaxin (CX - 30 mcg), Ceftazidime (CAZ - 30 mcg), Ceftazidime/Clavulanic acid (CAC - 30/10 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Aztreonam (AT - 30 mcg), Co-Trimoxazole (COT - 25 mcg)	OD302-1PK OD302R-1PK	1pk 1pk

: Code Nos which are having suffix 'R' (OD000R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

Product	Code #	Packing 1pk= 10 rings
*G minus-26	OD310-1PK OD310R-1PK	1pk 1pk
Piperacillin /Tazobactam (PIT - 100/10 mcg), Ampicillin /Sulbactam (A/S - 10/10 mcg), Ceftazidime (CAZ - 30 mcg), Ceftazidime/Clavulanic acid (CAC - 30/10 mcg), Ceftriaxone (CTR - 75 mcg), Cefepime (CPM - 30 mcg), Imipenem/Cilastin (IC - 10/10 mcg), Nalidixic acid (NA - 30 mcg)		
*G minus-27	OD311-1PK OD311R-1PK	1pk 1pk
Cefixime (CFM - 5 mcg), Polymyxin B (PB - 300 units), Norfloxacin (NX - 10 mcg), Netilmicin (NET - 30 mcg), Levofloxacin (LE - 5 mcg), Cefoperazone (CPZ - 75 mcg), Colistin (CL - 10 mcg), Aztreonam (AT - 30 mcg)		
*G Minus-28	OD312-1PK OD312R-1PK	1pk 1pk
Piperacillin /Tazobactam (PIT - 100/10 mcg), Amikacin (AK - 30 mcg), Cefoperazone/Sulbactam (CFS - 75/10 mcg), Meropenem (MRP - 10 mcg), Gentamicin (GEN - 10 mcg), Cefotaxime (CTX - 30 mcg), Levofloxacin (LE - 5 mcg)		
*G Minus-29	OD313-1PK OD313R-1PK	1pk 1pk
Cefepime /Tazobactam (CPT - 30/10 mcg), Netilmicin (NET - 30 mcg), Amoxicillin /Clavulanic acid (AMC - 20/10 mcg), Doxycyclin Hydrochloride (DO - 30 mcg), Imipenem (IPM - 10 mcg), Aztreonam (AT - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefuroxime (CXM - 30 mcg)		

Pseudomonas		
*Combi VI	OD025-1PK OD025R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Ampicillin (AMP - 10 mcg), Cefoxitin (CX - 30 mcg), Ceftazidime (CAZ - 30 mcg), Ceftriaxone (CTR - 30 mcg), Chloramphenicol (C - 30 mcg), Gentamicin (GEN - 10 mcg), Piperacillin (PI - 100 mcg)		
*Combi XII	OD031-1PK OD031R-1PK	1pk 1pk
Amikacin (AK - 10 mcg), Augmentin (AMC - 30 mcg), Cefotaxime (CTX - 10 mcg), Tobramycin (TOB - 10 mcg), Gentamicin (GEN - 10 mcg), Piperacillin (PI - 75 mcg), Ceftazidime (CAZ - 30 mcg), Colistin (CL - 25 mcg)		
*Combi 59	OD256-1PK OD256R-1PK	1pk 1pk
Ampicillin/Sulbactam (A/S - 10/10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ticarcillin/Clavulanic acid (TCC - 75/10 mcg), Carbenicillin (CB - 100 mcg), Cephalothin (CEP - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefoperazone (CPZ - 75 mcg)		
*Combi 60	OD257-1PK OD257R-1PK	1pk 1pk
Amoxyclav (AMC - 10 mcg), Ceftriaxone (CTR - 30 mcg), Ceftizoxime (CZX - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefpodoxime (CPD - 30 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg)		

Product	Code #	Packing 1pk= 10 rings
*Combi 93	OD294-1PK OD294R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Gentamicin (GEN - 10 mcg), Meropenem (MRP - 10 mcg), Ceftazidime (CAZ - 30 mcg), Aztreonam (AT - 30 mcg), Imipenem (IPM - 10 mcg), Ciprofloxacin (CIP - 5 mcg)		
*Pseudo	OD008-1PK OD008R-1PK	1pk 1pk
Amikacin (AK - 10 mcg), Carbenicillin (CB - 100 mcg), Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 10 mcg), Cefotaxime (CTX - 30 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg), Tobramycin (TOB - 10 mcg)		
*Pseudo I	OD036-1PK OD036R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Carbenicillin (CB - 100 mcg), Ceftazidime (CAZ - 30 mcg), Ceftriaxone (CTR - 30 mcg), Netilmicin (NET - 30 mcg), Piperacillin (PI - 100 mcg), Tobramycin (TOB - 10 mcg), Gentamicin (GEN - 10 mcg)		
*Pseudo V	OD063-1PK OD063R-1PK	1pk 1pk
Amikacin (AK - 30 mcg), Carbenicillin (CB - 100 mcg), Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefotaxime (CTX - 30 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg), Tobramycin (TOB - 10 mcg)		
*Pseudo-6	OD307-1PK OD307R-1PK	1pk 1pk
Ceftazidime (CAZ - 30 mcg), Gentamicin (GEN - 10 mcg), Piperacillin (PI - 100 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Amikacin (AK - 30 mcg), Cefoperazone (CPZ - 75 mcg), Levofloxacin (LE - 5 mcg), Meropenem (MRP - 10 mcg)		

UTI Pathogenic Organisms		
*Combi II	OD021-1PK OD021R-1PK	1pk 1pk
Carbenicillin (CB - 100 mcg), Cefoxitin (CX - 30 mcg), Clindamycin (CD - 2 mcg), Chloramphenicol (C - 30 mcg), Erythromycin (E - 15 mcg), Metronidazole (MT - 5 mcg), Penicillin-G (P - 10 units), Tetracycline (TE - 30 mcg)		
*Combi III	OD022-1PK OD022R-1PK	1pk 1pk
Ampicillin (AMP - 10 mcg), Cefotaxime (CTX - 30 mcg), Cephalothin (CEP - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Norfloxacin (NX - 10 mcg)		
*Combi XI	OD030-1PK OD030R-1PK	1pk 1pk
Ampicillin (AMP - 25 mcg), Tetracycline (TE - 50 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (NA - 30 mcg), Mecillinam (MEC - 25 mcg), Gentamicin (GEN - 10 mcg), Colistin (CL - 50 mcg), Norfloxacin (NX - 10 mcg)		
*Combi 68	OD270-1PK OD270R-1PK	1pk 1pk
Cefoperazone (CPZ - 75 mcg), Cefpodoxime (CPD - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Meropenem (MRP - 10 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Moxifloxacin (MO - 5 mcg)		

: Code Nos which are having suffix 'R' (OD000R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

The code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

Antimicrobial Susceptibility Testing - Octodiscs

HiMedia 8-in-one ready antibiotic combination modules



Product	Code #	Packing 1pk= 10 rings	Product	Code #	Packing 1pk= 10 rings
*Combi 71 Ampicillin (AMP - 10 mcg), Cefazolin (CZ - 30 mcg), Nalidixic acid (NA - 30 mcg), Norfloxacin (NX - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Levofloxacin (LE - 5 mcg), Nitrofurantoin (NIT - 50 mcg)	OD273-1PK OD273R-1PK	1pk 1pk	UTI III Norfloxacin (NX - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Amoxicillin (AMX - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Chloramphenicol (C - 30 mcg)	OD035-1PK OD035R-1PK	1pk 1pk
*Combi 82 Cefoperazone (CPZ - 75 mcg), Cefpodoxime (CPD - 10 mcg), Ceftazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Meropenem (MRP - 10 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Moxifloxacin (MO - 5 mcg)	OD066-1PK OD066R-1PK	1pk 1pk	*UTI-V Ampicillin (AMP - 25 mcg), Gentamicin (GEN - 10 mcg), Carbenicillin (CB - 100 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 50 mcg), Sulphamethizole (SM - 200 mcg), Tetracycline (TE - 100 mcg), Co-Trimoxazole (COT - 25 mcg)	OD019-1PK OD019R-1PK	1pk 1pk
*Combi 83 Ampicillin (AMP - 10 mcg), Cefazolin (CZ - 30 mcg), Nalidixic acid (NA - 30 mcg), Norfloxacin (NX - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Levofloxacin (LE - 5 mcg), Nitrofurantoin (NIT - 300 mcg)	OD067-1PK OD067R-1PK	1pk 1pk	*UTI-VI Ampicillin (AMP - 25 mcg), Cephalothin (CEP - 25 mcg), Colistin methane sulphonate (CL - 100 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 50 mcg), Sulphamethizole (SM - 200 mcg), Tetracycline (TE - 100 mcg), Co-Trimoxazole (COT - 25 mcg)	OD017-1PK OD017R-1PK	1pk 1pk
*Combi 91 Augmentin (AMC - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Nalidixic acid (NA - 30 mcg), Cefuroxime (CXM - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Norfloxacin (NX - 10 mcg), Gentamicin (GEN - 10 mcg), Cefixime (CFM - 5 mcg)	OD292-1PK OD292R-1PK	1pk 1pk	*UTI-VII Ampicillin (AMP - 25 mcg), Nitrofurantoin (NIT - 50 mcg), Ticarcillin (TI - 75 mcg), Tetracycline (TE - 100 mcg), Nalidixic acid (NA - 30 mcg), Trimethoprim (TR - 2.5 mcg), Sulphamethoxazole (SX - 50 mcg), Gentamicin (GEN - 10 mcg)	OD018-1PK OD018R-1PK	1pk 1pk
*Combi 96 Imipenem (IPM - 10 mcg), Linezolid (LZ - 30 mcg), Meropenem (MRP - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Ofloxacin (OF - 5 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Polymyxin-B (PB - 300 units), Vancomycin (VA - 30 mcg)	OD300-1PK OD300R-1PK	1pk 1pk	*UTI-X Cefuroxime (CXM - 30 mcg), Augmentin (AMC - 30 mcg), Ceftriaxone (CTR - 30 mcg), Gentamicin (GEN - 10 mcg), Nitrofurantoin (NIT - 200 mcg), Co-Trimoxazole (COT - 25 mcg), Ciprofloxacin (CIP - 5 mcg), Ceftazidime (CAZ - 30 mcg)	OD051-1PK OD051R-1PK	1pk 1pk
*Combi 511 Ampicillin (AMP - 25 mcg), Cefalexin (CN - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 100 mcg), Gentamicin (GEN - 10 mcg), Ceftriaxone (CTR - 30 mcg), Norfloxacin (NX - 10 mcg)	OD287-1PK OD287R-1PK	1pk 1pk	*UTI-XII Ampicillin (AMP - 25 mcg), Gentamicin (GEN - 10 mcg), Carbenicillin (CB - 100 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 50 mcg), Tetracycline (TE - 100 mcg), Co-Trimoxazole (COT - 25 mcg), Nicene (NI - 30 mcg)	OD054-1PK OD054R-1PK	1pk 1pk
*UTI-I Amoxyclav (AMC - 10 mcg), Cefalexin (CN - 30 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Norfloxacin (NX - 10 mcg)	OD009-1PK OD009R-1PK	1pk 1pk	*UTI-18 Norfloxacin (NX - 10 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Ofloxacin (OF - 5 mcg), Carbenicillin (CB - 100 mcg), Cefoperazone/Subactam (CFS - 75/10 mcg), Co-Trimoxazole (COT - 25 mcg), Ceftazidime (CAZ - 30 mcg)	OD306-1PK OD306R-1PK	1pk 1pk
*UTI-II Amikacin (AK - 10 mcg), Ampicillin (AMP - 10 mcg), Cefaloridine (CR - 30 mcg), Colistin (CL - 10 mcg), Co-Trimazine (CM - 25 mcg), Nalidixic acid (NA - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Streptomycin (S - 10 mcg)	OD010-1PK OD010R-1PK	1pk 1pk			

: Code Nos which are having suffix 'R' (OD009R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

Product	Code #	Packing 1pk= 10 rings	Product	Code #	Packing 1pk= 10 rings
Sputum & Respiratory Pathogenic Organisms					
*Combi 67 Ampicillin (AMP - 10 mcg), Ampicillin/Subactam (A/S - 10/10 mcg), Amoxicillin/Clavulanic acid (AMC - 20/10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ticarcillin/Clavulanic acid (TCC - 75/10 mcg), Cefoperazone/Subactam (CFS - 75/10 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg)	OD269-1PK OD269R-1PK	1pk 1pk	*Combi 505 Cefoperazone (CPZ - 75 mcg), Cefpodoxime (CPD - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Imipenem (IPM - 10 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Moxifloxacin (MO - 5 mcg)	OD282-1PK OD282R-1PK	1pk 1pk
*Combi 84 Chloramphenicol (C - 30 mcg), Ampicillin/Subactam (A/S - 10/10 mcg), Amoxicillin/Clavulanic acid (AMC - 20/10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ticarcillin/Clavulanic acid (TCC - 75/10 mcg), Cefoperazone/Subactam (CFS - 75/10 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg)	OD276-1PK OD276R-1PK	1pk 1pk	Combi 506 Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Sparfloxacin (SPX - 5 mcg), Gatifloxacin (GAT - 5 mcg), Teicoplanin (TEI - 30 mcg), Azithromycin (AZM - 15 mcg), Vancomycin (VA - 30 mcg), Doxycycline Hydrochloride (DO - 30 mcg)	OD283-1PK OD283R-1PK	1pk 1pk
General Purpose					
*Universal-1 Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefoxitin (CX - 30 mcg), Amoxicillin/Clavulanic acid (AMC - 20/10 mcg), Tetracycline (TE - 30 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg)			*Combi 516 Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Amoxyclav (AMC - 30 mcg), Ampicillin/Subactam (A/S - 10/10 mcg), Azithromycin (AZM - 15 mcg), Vancomycin (VA - 30 mcg), Linezolid (LZ - 30 mcg), Nitrofurantoin (NIT - 300 mcg)	OD308-1PK OD308R-1PK	1pk 1pk



: Code Nos which are having suffix 'R' (OD000R) can be used on 90 mm media plates whereas for all regular codes 120 mm media plates are to be used.

◎ * : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

The code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

Antimicrobial Susceptibility Testing - Dodeca Discs

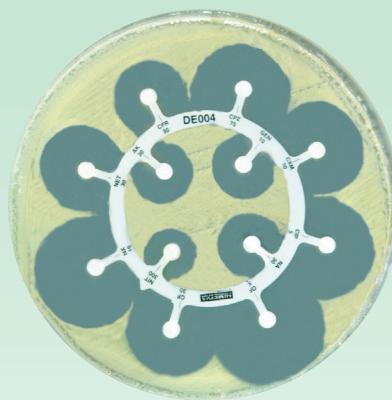
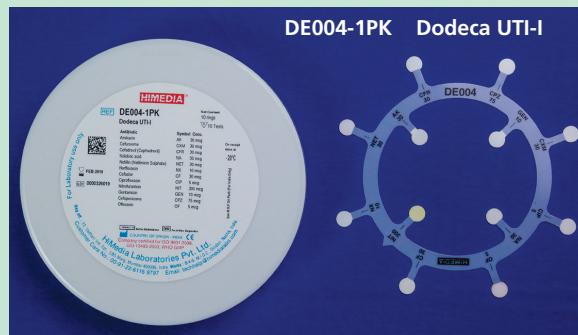
HiMedia 12-in-one ready antibiotic combination modules
[To be used on 150 mm plates (PW011)]



DODECA DISCS

12 different antibiotics, for testing on a single 150 mm plate

- HiMedia's Dodeca discs are enhanced extensions of Single Discs. These series of discs gives the privilege to study 12 antibiotics on a single plate.
- These are flat circular rings, made of inert material w/ 8 & 4 equidistant arms on the outer & inner periphery respectively w/ a 6 mm filter paper disc at the end.
- These discs are placed at a distance of 24 mm from each other.
- These discs are impregnated w/ 12 different antibiotics, w/ corresponding symbols & concentrations printed on the ring. The antibiotic impregnated discs function as individual antibiotic susceptibility discs, generating precise circular zones of inhibition for measurement of the zone diameter with minimal merging.
- The unique inert material used for making the rings aids in quicker absorption of the rings and hence a proper diffusion of the antibiotics on to the medium.
- The discs are available in various pre-selected combinations of 12 antibiotics. However rings can also be made as per individual customized specification.
- These discs are to be used on 150 mm plates like PW011. Also available are ready prepared media plates of Mueller Hinton Agar (150 mm) (MP173L).



Dodeca UTI I – DE004

Tested with *Escherichia coli* ATCC 25922

Note: In product description column **Symbol & Quantity** are given in bracket after the Antibiotics name.

Product	Code	Packing 1pk= 10 rings
General purpose		
*Dodeca Universal-I	DE001-1PK	1pk
Cefpodoxime (CPD - 10 mcg), Chloramphenicol (C - 30 mcg), Vancomycin (VA - 30 mcg), Streptomycin (S - 10 mcg), Rifampicin (RIF - 5 mcg), Levofloxacin (LE - 5 mcg), Ceftriaxone (CTR - 30 mcg), Clindamycin (CD - 2 mcg), Augmentin (AMC - 30 mcg), Amikacin (AK - 30 mcg), Cefixime (CFM - 5 mcg), Tetracycline (TE - 30 mcg)		

Product	Code	Packing 1pk= 10 rings
*Dodeca Universal-III	DE008-1PK	1pk
Ampicillin (AMP - 10 mcg), Cefuroxime (CXM - 30 mcg), Cefadroxil (CFR - 30 mcg), Augmentin (AMC - 30 mcg), Penicillin-G (P - 10 units), Cefotaxime (CTX - 30 mcg), Cefaclor (CF - 30 mcg) Azithromycin (AZM - 15 mcg), Erythromycin (E - 15 mcg), Cefoperazone (CPZ - 75 mcg), Clarithromycin (CLR - 15 mcg), Ciprofloxacin (CIP - 5 mcg)		

Product	Code	Packing 1pk=10 rings
*Dodeca Universal-V Aztreonam (AZM - 30 mcg), Rifampicin (RIF - 5 mcg), Penicillin-G (P - 10 units), Piperacillin (PI - 100 mcg), Augmentin (AMC - 30 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Roxithromycin (RO - 30 mcg), Erythromycin (E - 15 mcg), Ampicillin (AMP - 10 mcg), Cloxacillin (COX - 1 mcg), Amoxicillin (AMX - 10 mcg), Vancomycin (VA - 30 mcg)	DE013-1PK	1pk
Dodeca Universal-VI Chloramphenicol (C - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Norfloxacin (NX - 10 mcg), Lincomycin (L - 2 mcg), Lomefloxacin (LOM - 30 mcg), Clindamycin (CD - 2 mcg), Tetracycline (TE - 30 mcg), Levofloxacin (LE - 5 mcg), Pefloxacin (PF - 5 mcg), Sparfloxacin (SPX - 5 mcg), Ofloxacin (OF - 5 mcg), Doxycycline Hydrochloride (DO - 30 mcg)	DE014-1PK	1pk
Dodeca Universal-VII Gentamicin (GEN - 10 mcg), Netilin (NET - 30 mcg), Nalidixic Acid (NA - 30 mcg), Kanamycin (K - 30 mcg), Amikacin (AK - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Tobramycin (TOB - 10 mcg), Clarithromycin (CLR - 15 mcg), Nitrofurantoin (NIT - 300 mcg), Streptomycin (S - 10 mcg), Oxytetracycline (O - 30 mcg), Furazolidone (FR - 50 mcg)	DE015-1PK	1pk
*Dodeca Universal-IX Ampicillin/Sulbactam (A/S - 10/10 mcg), Gentamicin (GEN - 10 mcg), Ampicillin (AMP - 10 mcg), Amikacin (AK - 30 mcg), Aztreonam (AT - 30 mcg), Netilin (NET - 30 mcg), Vancomycin (VA - 30 mcg), Ceftaxone (CTR - 10 mcg), Ceftazidime (CAZ - 30 mcg), Ofloxacin (OF - 5 mcg), Imipenem (IPM - 10 mcg), Cefepime (CPM - 30 mcg)	DE017-1PK	1pk
*Dodeca Universal-XI Ceftaxone (CTR - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Clindamycin (CD - 2 mcg), Linezolid (LZ - 30 mcg), Aztreonam (AT - 10 mcg), Meropenem (MRP - 10 mcg), Carbenicillin (CB - 30 mcg), Cefuroxime (CXM - 30 mcg), Imipenem (IPM - 10 mcg), Roxithromycin (RO - 30 mcg), Levofloxacin (LE - 5 mcg), Cefpirome (CFP - 30 mcg)	DE026-1PK	1pk
*Dodeca Universal-XII Ofloxacin (OF - 5 mcg), Cefadroxil (CFR - 30 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Cloxacillin (COX - 5 mcg), Aztreonam (AZM - 30 mcg), Cefotaxime (CTX - 10 mcg), Ceftaxone (CTR - 30 mcg), Ticarcillin (TI - 75 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Ceftazidime (CAZ - 30 mcg)	DE027-1PK	1pk
*Dodeca Universal-XIII Ampicillin (AMP - 10 mcg), Piperacillin (PI - 100 mcg), Augmentin (AMC - 30 mcg), Cefazolin (CZ - 30 mcg), Cefalexin (CN - 30 mcg), Cefaloridine (CR - 10 mcg), Cefadroxil (CFR - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefoperazone (CPZ - 75 mcg), Cefotaxime (CTX - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefaclor (CF - 30 mcg)	DE028-1PK	1pk

Product	Code	Packing 1pk=10 rings
*Dodeca Universal-XIV Imipenem (IPM - 10 mcg), Amoxyclav (AMC - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefuroxime (CXM - 30 mcg), Levofloxacin (LE - 5 mcg), Norfloxacin (NX - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Chloramphenicol (C - 30 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Cefoxitin (CX - 30 mcg)	DE035-1PK	1pk
*Dodeca Universal-XV Augmentin (AMC - 30 mcg), Amikacin (AK - 30 mcg), Gatifloxacin (GAT - 5 mcg), Cefepime (CPM - 30 mcg), Meropenem (MRP - 10 mcg), Ceftazidime (CAZ - 30 mcg), Chloramphenicol (C - 30 mcg), Cefuroxime (CXM - 30 mcg), Ceftriaxone (CTR - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg), Imipenem (IPM - 10 mcg)	DE042-1PK	1pk
*Dodeca G-I-Plus Aztreonam (AZM - 15 mcg), Amikacin (AK - 30 mcg), Gentamicin (GEN - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Cefadroxil (CFR - 30 mcg), Cefuroxime (CXM - 30 mcg), Roxithromycin (RO - 30 mcg), Ampicillin/Cloxacillin (AX - 10 mcg), Cefotaxime (CTX - 30 mcg), Cefoperazone (CPZ - 75 mcg), Clarithromycin (CLR - 15 mcg), Sparfloxacin (SPX - 5 mcg)	DE002-1PK	1pk
*Dodeca G-II-Plus Cefotaxime (CTX - 30 mcg), Augmentin (AMC - 30 mcg), Cefuroxime (CXM - 30 mcg), Ceftriaxone (CTR - 30 mcg), Amoxicillin (AMX - 10 mcg), Erythromycin (E - 15 mcg), Clindamycin (CD - 2 mcg), Gentamicin (GEN - 10 mcg), Ofloxacin (OF - 5 mcg), Lincomycin (L - 2 mcg), Ciprofloxacin (CIP - 5 mcg), Tobramycin (TOB - 10 mcg)	DE009-1PK	1pk
*Dodeca G-III-Plus Penicillin-G (P - 10 units), Oxacillin (OX - 1 mcg), Erythromycin (E - 15 mcg), Clindamycin (CD - 2 mcg), Linezolid (LZ - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Vancomycin (VA - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Tetracycline (TE - 30 mcg), Cefotaxime (CTX - 30 mcg), Chloramphenicol (C - 30 mcg), Gentamicin (GEN - 10 mcg)	DE018-1PK	1pk
*Dodeca G-IV-Plus Amikacin (AK - 30 mcg), Amoxicillin (AMX - 25 mcg), Cefalexin (CN - 30 mcg), Cefazolin (CZ - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Streptomycin (S - 10 mcg), Amoxyclav (AMC - 30 mcg), Tetracycline (TE - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Teicoplanin (TEI - 30 mcg), Erythromycin (E - 15 mcg)	DE023-1PK	1pk

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Antimicrobial Susceptibility Testing - Dodeca Discs

Himedia 12-in-one ready antibiotic combination modules
[To be used on 150 mm plates (PW011)]



Product	Code	Packing 1pk= 10 rings	Product	Code	Packing 1pk= 10 rings
*Dodeca G-V-Plus Penicillin-G (P - 10 units), Amoxicillin (AMX - 10 mcg), Carbenicillin (CB - 100 mcg), Methicillin (MET - 5 mcg), Azithromycin (AZM - 15 mcg), Clindamycin (CD - 2 mcg), Roxithromycin (RO - 15 mcg), Lincomycin (L - 2 mcg), Vancomycin (VA - 30 mcg), Rifampicin (RIF - 5 mcg), Teicoplanin (TEI - 30 mcg), Linezolid (LZ - 30 mcg)	DE032-1PK	1pk	*Dodeca Enterococcus -1 Ampicillin (AMP - 10 mcg), Penicillin-G (P - 10 mcg), Linezolid (LZ - 30 mcg), Vancomycin (VA - 30 mcg), Gentamicin (HLG - 120 mcg), Tigecycline (TGC - 15 mcg), Erythromycin (E - 15 mcg), Pristinomycin (RP - 15 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Norfloxacin (NX - 5 mcg), Fosfomycin (FO - 200 mcg)	DE050-1PK	1pk
*Dodeca G-VI-Plus Penicillin-G (P - 10 units), Cloxacillin (COX - 10 mcg), Oxacillin (OX - 1 mcg), Cefazolin (CZ - 30 mcg), Azithromycin (AZM - 15 mcg), Clindamycin (CD - 2 mcg), Vancomycin (VA - 30 mcg), Linezolid (LZ - 30 mcg), Teicoplanin (TEI - 30 mcg), Novobiocin (NV - 5 mcg), Minocycline (MI - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg)	DE036-1PK	1pk	Gram-negative Organisms		
*Dodeca G-VII-Plus Amoxycycl (AMC - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg), Erythromycin (E - 15 mcg), Cefoperazone (CPZ - 75 mcg), Cefepime (CPM - 30 mcg), Cloxacillin (COX - 5 mcg), Gentamicin (GEN - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Clindamycin (CD - 2 mcg), Linezolid (LZ - 30 mcg), Vancomycin (VA - 30 mcg)	DE038-1PK	1pk	*Dodeca G-I-Minus Amikacin (AK - 30 mcg), Lomefloxacin (LOM - 10 mcg), Cefadroxil (CFR - 30 mcg), Sparfloxacin (SPX - 5 mcg), Netillin (NET - 30 mcg), Ceftazidime (CAZ - 30 mcg), Ceftriaxone (CTR - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefotaxime (CTX - 30 mcg), Gentamicin (GEN - 10 mcg), Cefoperazone (CPZ - 75 mcg), Ampicillin/ Sulbactam (A/S - 10/10 mcg)	DE003-1PK	1pk
*Dodeca G-IX-plus Penicillin-G (P - 10 units), Cefoxitin (CX - 30 mcg), Cefazolin (CZ - 30 mcg), Cefuroxime (CXM - 30 mcg), Teicoplanin (TEI - 30 mcg), Linezolid (LZ - 30 mcg), Vancomycin (VA - 30 mcg), Amoxycycl (AMC - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Erythromycin (E - 15 mcg), Co-Trimoxazole (COT - 25 mcg)	DE047-1PK	1pk	*Dodeca G-II-Minus Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Cefotaxime (CTX - 30 mcg), Cefuroxime (CXM - 30 mcg), Augmentin (AMC - 30 mcg), Lomefloxacin (LOM - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefoperazone (CPZ - 75 mcg), Gentamicin (GEN - 10 mcg), Netillin (NET - 30 mcg), Pefloxacin (PF - 5 mcg), Ofloxacin (OF - 5 mcg)	DE010-1PK	1pk
*Dodeca G-Plus 15 Amoxycycl (AMC - 20/10 mcg), Penicillin-G (P - 10 Units), Roxithromycin (RO - 15 mcg), Azithromycin (AZM - 15 mcg), Cefuroxime (CXM - 30 mcg), Cefazolin (CZ - 30 mcg), Cefotixin (CXM - 30 mcg), Clindamycin (CD - 2 mcg), Tetracycline (TE - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Ciprofloxacin (CIP - 5 mcg), Gentamicin (GEN - 10 mcg)	DE736-1PK	1pk	*Dodeca G-III-Minus Ampicillin (AMP - 10 mcg), Cefazolin (CZ - 30 mcg), Cephalothin (CEP - 30 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ampicillin/Sulbactam (A/S - 10/10mcg), Cefuroxime (CXM - 30 mcg), Cefepime (CPM - 30mcg), Cefoperazone (CPZ - 75 mcg), Cefotaxin (CX - 30 mcg), Cefotaxime (CTX - 30 mcg), Ciprofloxacin (CIP - 5 mcg)	DE019-1PK	1pk
*Dodeca Staphylococci-1 Penicillin-G (P - 10 units), Azithromycin (AZM - 15 mcg), Erythromycin (E - 15 mcg), Clarithromycin (CLR - 15 mcg), Linezolid (LZ - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Vancomycin (VA - 30 mcg), Cefoxitin (CX - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Gatifloxacin (GAT - 5 mcg), Ofloxacin (OF - 5 mcg), Clindamycin (CD - 2 mcg)	DE048-1PK	1pk	*Dodeca G-V minus Cefixime (CFM - 5 mcg), Cefpodoxime (CPD - 10 mcg), Ceftizoxime (CZX - 30 mcg), Cefpirome (CFP - 30 mcg), Cefepime (CPM - 30 mcg), Nalidixic acid (NA - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Pefloxacin (PF - 5 mcg), Lomefloxacin (LOM - 10 mcg), Norfloxacin (NX - 10 mcg), Ceftriaxone (CTR - 30 mcg)	DE029-1PK	1pk
*Dodeca Staphylococci-2 Tigecycline (TGC - 15 mcg), Moxifloxacin (MO - 5 mcg), Gentamicin (GEN - 10 mcg), Rifampicin (RIF - 5 mcg), Lomefloxacin (LOM - 10 mcg), Norfloxacin (NX - 10 mcg), Novobiocin (NV - 30 mcg), Teicoplanin (TEI - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Pristinomycin (RP - 15 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg)	DE049-1PK	1pk	*Dodeca G-VI minus Piperacillin/ Tazobactam (PIT - 100/10 mcg), Amikacin (AK - 30 mcg), Gentamicin (GEN - 10 mcg), Kanamycin (K - 30 mcg), Tobramycin (TOB - 10 mcg), Netillin (NET - 30 mcg), Sisomicin (SS - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Cefotaxime/ Sulbactam (CES - 30/15 mcg), Ceftriaxone/ Sulbactam (CIS - 30/15 mcg), Ceftriaxone/Tazobactam (CIT - 30/10 mcg)	DE031-1PK	1pk

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Product	Code	Packing 1pk= 10 rings
*Dodeca G-VII Minus Cefixime (CFM - 5 mcg), Cefpodoxime (CPD - 10 mcg), Ceftizoxime (CZX - 30 mcg), Cefpirome (CFP - 30 mcg), Cefepime (CPM - 30 mcg), Nalidixic acid (NA - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Sparfloxacin (SPX - 10 mcg), Lomefloxacin (LOM - 10 mcg), Norfloxacin (NX - 10 mcg), Ceftriaxone (CTR - 30 mcg)	DE033-1PK	1pk
*Dodeca G-VIII-Minus Ampicillin (AMP - 10 mcg), Ticarcillin (TI - 75 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ceftazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Cefpodoxime (CPD - 10 mcg), Gatifloxacin (GAT - 5 mcg), Aztreonam (AT - 30 mcg), Netilin (NET - 30 mcg), Tobramycin (TOB - 10 mcg), Colistin (CL - 10 mcg), Nitrofurantoin (NIT - 300 mcg)	DE037-1PK	1pk
*Dodeca G-IX-Minus Ampicillin (AMP - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Cefuroxime (CXM - 30 mcg), Cefoperazone (CPZ - 75 mcg), Cefepime (CPM - 30 mcg), Imipenem (IPM - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Amoxyclav (AMC - 10 mcg)	DE039-1PK	1pk
*Dodeca G-XI-minus Amikacin (AK - 30 mcg), Amoxicillin/Clavulanic acid (AMC - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefepime (CPM - 30 mcg), Doxycycline Hydrochloride (DO - 30 mcg), Norfloxacin (NX - 10 mcg), Tobramycin (TOB - 10 mcg), Gentamicin (GEN - 10 mcg), Ampicillin (AMP - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Chloramphenicol (C - 30 mcg)	DE045-1PK	1pk
*Dodeca G-XII minus Ceftazidime (CAZ - 30 mcg), Colistin (Methane Sulphonate) (CL - 10 mcg), Minocycline (MI - 30 mcg), Imipenem (IPM - 10 mcg), Tigecycline (TGC - 15 mcg), Cefuroxime (CXM - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Levofloxacin (LE - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Ciprofloxacin (CIP - 5 mcg), Aztreonam (AT - 30 mcg), Cefoperazone/Subactam (CFS - 75/30 mcg)	DE046-1PK	1pk
*Dodeca G-Minus 23 Amoxyclav (AMC - 20/10 mcg), Cefazolin (CZ - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg), Cefoperazone (CPZ - 30 mcg), Ceftazidime (CAZ - 30 mcg), Tobramycin (TOB - 10 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Tetracycline (TE - 30 mcg)	DE737-1PK	1pk

Product	Code	Packing 1pk= 10 rings
*Dodeca G-Minus 24 Ceftazidime/Tazobactum (CAT - 30/10 mcg), Ceftizoxime/Sulbactam (CIS - 75/30 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg), Cefepime (CPM - 30 mcg), Piperacillin/Tazobactum (PIT - 100/10 mcg), Ticarcillin/Clavulanic Acid (TCC - 75/10 mcg), Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Levofloxacin (LE - 5 mcg), Prulifloxacin (PRU - 5 mcg), Cefotaxime/Clavulanic acid (CEC - 30/10 mcg), Cefixime/Clavulanic acid (CMC - 05/10 mcg)	DE738-1PK	1pk
*Dodeca Enterobacteriaceae-1 Ampicillin (AMP - 10 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Ofloxacin (OF - 5 mcg), Co-Trimoxazole (COT - 25 mcg), Amoxyclav (AMC - 30 mcg), Cefuroxime (CXM - 30 mcg), Ceftazidime (CAZ - 30 mcg), Ceftazidime/Clavulanic acid (CAC - 30/10 mcg), Cefepime (CPM - 30 mcg), Imipenem (IPM - 10 mcg)	DE053-1PK	1pk
*Dodeca Enterobacteriaceae-2 Cefotaxime (CTX - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefoxitin (CX - 30 mcg), Meropenem (MRP - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Aztreonam (AT - 75 mcg), Gatifloxacin (GAT - 5 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Cefoperazone (CPZ - 75 mcg), Levofloxacin (LE - 5 mcg), Ceftizoxime (CZX - 30 mcg), Ticarcillin/Clavulanic acid (TCC - 75/10 mcg)	DE054-1PK	1pk
*Dodeca UTI-I Amikacin (AK - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefadroxil (CFR - 30 mcg), Nalidixic acid (NA - 30 mcg), Netilin (NET - 30 mcg), Norfloxacin (NX - 10 mcg), Cefaclor (CF - 30 mcg), Ciprofloxacin (CIP - 5 mcg), Nitrofurantoin (NIT - 300 mcg), Gentamicin (GEN - 10 mcg), Cefoperazone (CPZ - 75 mcg), Ofloxacin (OF - 5 mcg)	DE004-1PK	1pk
*Dodeca UTI-II Ceftriaxone (CTR - 30 mcg), Cefoperazone (CPZ - 75 mcg), Cefaclor (CF - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Cefotaxime (CTX - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefadroxil (CFR - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Furazolidone (FR - 50 mcg), Augmentin (AMC - 30 mcg), Cefalexin (CN - 30 mcg), Amikacin (AK - 30 mcg)	DE005-1PK	1pk
*Dodeca UTI-IV Amikacin (AK - 30 mcg), Cefalexin (CN - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefixime (CFM - 5 mcg), Cefoperazone (CPZ - 75 mcg), Nalidixic acid (NA - 30 mcg), Kanamycin (K - 30 mcg), Nitrofurantoin (NIT - 300 mcg), Lomefloxacin (LOM - 30 mcg), Ofloxacin (OF - 5 mcg), Norfloxacin (NX - 10 mcg), Gentamicin (GEN - 10 mcg)	DE011-1PK	1pk

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Antimicrobial Susceptibility Testing - Dodeca Discs

Himedia 12-in-one ready antibiotic combination modules
[To be used on 150 mm plates (PW011)]



Product	Code	Packing 1pk= 10 rings	Product	Code	Packing 1pk= 10 rings
*Dodeca UTI-V Carbenicillin (CB - 100 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Norfloxacin (NX - 10 mcg), Lomefloxacin (LOM - 10 mcg), Gatifloxacin (GAT - 5 mcg), Nitrofurantoin (NIT - 300 mcg), Co-Trimoxazole (COT - 25 mcg), Tetracycline (TE - 30 mcg), Netillin (NET - 30 mcg), Ampicillin/Sulbactam (A/S - 10/10 mcg), Ceftizoxime (CZX - 30 mcg)	DE021-1PK	1pk	*Dodeca UTI 13 New Cephalothin (CEP - 30 mcg), Ceftizoxime (CZX - 30 mcg), Cefuroxime (CXM - 30 mcg), Cefotaxime (CTX - 30 mcg), Amoxiclav (AMC - 20/10 mcg), Norfloxacin (NX - 10 mcg), Ofloxacin OF (OF - 2 mcg), Levofloxacin (LE - 5 mcg), Nitrofurantoin (NIT - 300 mcg), Trimethoprim (TR - 5 mcg), Amikacin (AK - 30 mcg), Tobramycin (TOB - 10 mcg)	DE739-1PK	1pk
*Dodeca UTI-VI Amikacin (AK - 30 mcg), Amoxicillin (AMX - 25 mcg), Cefalexin (CN - 30 mcg), Cefazolin (CZ - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Gentamicin (GEN - 10 mcg), Streptomycin (S - 10 mcg), Amoxyclav (AMC - 30 mcg), Norfloxacin (NX - 10 mcg), Ceftazidime (CAZ - 30 mcg), Imipenem (IPM - 10 mcg), Cefoperazone/Sulbactam (CFS - 75/30 mcg)	DE025-1PK	1pk	Pseudomonas		
*Dodeca UTI-VII Sparfloxacin (SPX - 10 mcg), Levofloxacin (LE - 5 mcg), Gatifloxacin (GAT - 10 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Nitrofurantoin (NIT - 300 mcg), Meropenem (MRP - 10 mcg), Imipenem (IPM - 10 mcg), Polymyxin B (PB - 300 units), Furazolidone (FR - 100 mcg), Aztreonam (AT - 30 mcg), Cloxacillin (COX - 1 mcg)	DE030-1PK	1pk	*Dodeca Pseudo-I Ceftazidime (CAZ - 30 mcg), Gentamicin (GEN - 10 mcg), Ticarcillin (TI - 75 mcg), Piperacillin (PI - 100 mcg), Amikacin (AK - 30 mcg), Cefepime (CPM - 30 mcg), Cefoperazone (CPZ - 75 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Tobramycin (TOB - 10 mcg), Netillin (NET - 30 mcg), Meropenem (MRP - 10 mcg)	DE020-1PK	1pk
*Dodeca UTI-VIII Pefloxacin (PF 10 mcg), Levofloxacin (LE - 5 mcg), Gatifloxacin (GAT - 10 mcg), Chloramphenicol (C - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Nitrofurantoin (NIT - 300 mcg), Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Polymyxin B (PB - 300 units), Furazolidone (FR - 100 mcg), Aztreonam (AT - 30 mcg), Cloxacillin (COX - 1 mcg)	DE034-1PK	1pk	*Dodeca Pseudo-II Gentamicin (GEN - 10 mcg), Netillin (NET - 30 mcg), Amikacin (AK - 30 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Amoxyclav (AMC - 30 mcg), Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Levofloxacin (LE - 5 mcg), Tobramycin (TOB - 10 mcg), Cefuroxime (CXM - 30 mcg), Ceftriaxone/Tazobactam (CIT - 30/10 mcg), Cefepime (CPM - 30 mcg)	DE041-1PK	1pk
*Dodeca UTI-IX Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Amoxyclav (AMC - 10 mcg), Norfloxacin (NX - 10 mcg), Nitrofurantoin (NIT - 300 mcg), Nalidixic acid (NA - 30 mcg), Cefuroxime (CXM - 30 mcg), Ceftazidime (CAZ - 30 mcg), Cefepime (CPM - 30 mcg), Co-Trimoxazole (COT - 25 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg), Ciprofloxacin (CIP - 5 mcg)	DE040-1PK	1pk	*Dodeca Pseudomonas -1 Ceftazidime (CAZ - 30 mcg), Gentamicin (GEN - 10 mcg), Piperacillin (PI - 100 mcg), Amikacin (AK - 30 mcg), Cefepime (CPM - 30 mcg), Aztreonam (AT - 30 mcg), Cefoperazone (CPZ - 75 mcg), Ciprofloxacin (CIP - 5 mcg), Levofloxacin (LE - 5 mcg), Imipenem (IPM - 10 mcg), Meropenem (MRP - 10 mcg), Piperacillin/Tazobactam (PIT - 100/10 mcg)	DE051-1PK	1pk

* : On receipt, store at -20°C.

On receipt all the other products to be stored between -20°C to 8°C.

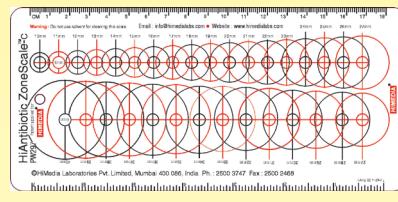
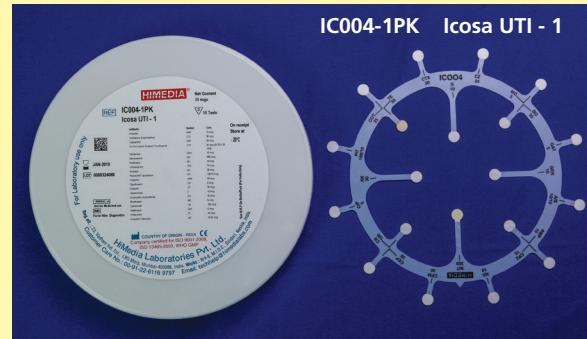
For prolonged use, store at or below -20°C.

The Code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

ICOSA DISCS

Test 20 different antibiotics in one shot - efficiently, easily and rapidly.

- HiMedia's Icosa discs are enhanced extensions of Single Discs. These series of discs gives the privilege to study 20 antibiotics at one time.
- These are flat circular rings, made of inert material w/ 12 & 8 equidistant arms on the outer & inner periphery respectively w/ a 6 mm filter paper disc at the end.
- These discs are impregnated w/ different antibiotics, w/ corresponding symbols & concentrations printed on the ring. The antibiotic impregnated discs function as individual antibiotic susceptibility discs, generating precise circular zones of inhibition for measurement of the zone diameter.
- Moreover the discs are designed in such a way that each antibiotic disc on a single ring is atleast 24 mm apart from the others, thus reducing the merging of zones.
- The unique inert material used for making the rings enhances the absorption of the ring and hence a proper diffusion of the antibiotics on to the medium.
- The discs are available in various pre-selected combinations of 20 antibiotics. But rings can be made as per individual customized specification.
- These discs are to be used on 200 mm plates like PW010. Also available are ready prepared media plates of Mueller Hinton Agar (200 mm) (MP173XL).



Antimicrobial Susceptibility Testing - Icosa Discs

HiMedia 20-in-one ready antibiotic combination modules
[To be used on 200 mm plates (PW010)]



Product	Code	Packing 1pk= 10 rings	Product	Code	Packing 1pk= 10 rings
Gram-positive Organisms					
*Icosa G-I-Plus	IC002-1PK	1pk	*Icosa UTI - 1	IC004-1PK	1pk
Cephalothin (CEP - 30 mcg), Clindamycin (CD - 2 mcg), Co-Trimoxazole (COT - 25 mcg), Erythromycin (E - 15 mcg), Gentamicin (GEN - 10 mcg), Ofloxacin (OF - 5 mcg), Penicillin-G (P - 10 units), Vancomycin (VA - 30 mcg), Ampicillin (AMP - 10 mcg), Chloramphenicol (C - 30 mcg), Oxacillin (OX - 1 mcg), Linezolid (LZ - 30 mcg), Azithromycin (AZM - 15 mcg), Amikacin (AK - 30 mcg), Clarithromycin (CLR - 15 mcg), Teicoplanin (TEI - 10 mcg), Methicillin (MET - 5 mcg), Amoxyclav (AMC - 30 mcg), Novobiocin (NV - 5 mcg), Tetracycline (TE - 30 mcg)					
Gram - negative Organisms					
*Icosa G-I-Minus	IC003-1PK	1pk	*Icosa Pseudo - 1	IC005-1PK	1pk
Imipenem (IPM - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Tobramycin (TOB - 10 mcg), Moxifloxacin (MO - 5 mcg), Ofloxacin (OF - 5 mcg), Sparfloxacin (SPX - 5 mcg), Levofloxacin (LE - 5 mcg), Norfloxacin (NX - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Colistin (CL - 10 mcg), Nalidixic acid (NA - 30 mcg), Augmentin (AMC - 30 mcg), Kanamycin (K - 30 mcg), Gatifloxacin (GAT - 5 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Streptomycin (S - 25 mcg), Ceftriaxone (CTR - 30 mcg), Cefpodoxime (CPD - 10 mcg), Ticarcillin (TI - 75 mcg)					
*Icosa G-II-Minus	IC008-1PK	1pk	*Icosa Pseudo - 2	IC007-1PK	1pk
Imipenem (IPM - 10 mcg), Ciprofloxacin (CIP - 5 mcg), Tobramycin (TOB - 10 mcg), Moxifloxacin (MO - 5 mcg), Ofloxacin (OF - 5 mcg), Ceftazidime (CAZ - 30 mcg), Levofloxacin (LE - 5 mcg), Norfloxacin (NX - 10 mcg), Co-Trimoxazole (COT - 25 mcg), Colistin (CL - 10 mcg), Nalidixic acid (NA - 30 mcg), Augmentin (AMC - 30 mcg), Cefotaxime (CX - 30 mcg), Gatifloxacin (GAT - 5 mcg), Gentamicin (GEN - 10 mcg), Amikacin (AK - 30 mcg), Aztreonam (AT - 30 mcg), Ceftriaxone (CTR - 30 mcg), Cefpodoxime (CPD - 10 mcg), Nitrofurantoin (NIT - 300 mcg)					



Icosa Universal-2 – IC006
Tested with *Staphylococcus aureus* ATCC 25923

* : On receipt, store at -20°C.

270

On receipt all the other products to be stored between -20°C to 8°C.

For prolonged use, store at or below -20°C.

The Code nos. indicated in red have the concentration of antibiotics as per CLSI (formerly NCCLS) Standards.

Antimicrobial Susceptibility Testing - Zone Size Interpretive Chart

(Based on Results obtained using Mueller Hinton Agar)

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)										
				Sensitive mm or more	Intermediate mm	Resistant mm or less	<i>E. coli</i> ATCC 25922	<i>S. aureus</i> ATCC 25923	<i>P. aeruginosa</i> ATCC 27853	<i>E. coli</i> ATCC 35218	<i>S. aureus</i> ATCC 29213	<i>E. faecalis</i> ATCC 29212	<i>H. influenzae</i> ATCC 49247	<i>H. influenzae</i> ATCC 49766	<i>K. pneumoniae</i> ATCC 700603	<i>N. gonorrhoeae</i> ATCC 49226	<i>S. pneumoniae</i> ATCC 49619
SD035	Amikacin	AK	30 mcg														
	Enterobacteriaceae, <i>P. aeruginosa</i> , <i>Aerobicacter</i> & <i>Staphylococcus</i> spp.			17	15–16	14	19–26	20–26	18–26	–	–	–	–	–	–	–	–
	Enterobacteriales			18	15–17	15	19–26	–	16–26	–	–	–	–	–	–	–	–
	<i>Pseudomonas</i> spp.			18	15–17	15	–	–	–	–	–	–	–	–	–	–	–
	<i>Staphylococcus</i> spp.			18	16–17	16	–	–	–	–	18–24	–	–	–	–	–	–
	Coagulase negative staphylococci			22	19–21	19	–	–	–	–	–	–	–	–	–	–	–
	<i>Acinetobacter</i> spp.,	AMC	30 mcg (20/10) mcg	19	17–18	17	–	–	–	–	–	–	–	–	–	–	–
SD063	Amoxycycl (Amoxicillin/Clavulanic acid)			18	14–17	13	18–24	28–36	–	17–22	–	–	–	–	–	–	–
	Enterobacteriaceae			20	–	19	–	–	–	–	–	–	15–23	–	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			19	–	19	18–24	–	–	17–22	–	–	–	–	–	–	–
	Enterobacteriales			16	–	16	–	–	–	–	–	–	–	–	17–23	–	–
	(uncomplicated UTI only)			15	–	15	–	–	–	–	–	–	–	–	–	–	–
	<i>Haemophilus influenzae</i>			19	–	19	–	–	–	–	–	–	–	–	–	–	–
SD002	Ampicillin	AMP	10 mcg	17	14–16	13	15–22	–	–	6	–	–	–	–	–	–	–
	Enterobacteriaceae			29	–	28	–	27–35	–	–	–	–	–	–	–	–	–
	<i>Staphylococcus</i> spp.			17	–	16	–	–	–	–	–	–	–	–	–	–	–
	<i>Enterococcus</i> spp.			22	19–21	18	–	–	–	–	–	–	13–21	–	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			24	–	–	–	–	–	–	–	–	–	–	–	30–36	–
	Streptococcus spp. beta haemolytic group			14	–	14	–	–	–	–	–	–	–	–	–	–	–
SD002A	Ampicillin	AMP	2 mcg	14	–	14	15–22	–	–	–	–	–	–	–	–	–	–
	Enterobacteriales			18	–	18	–	–	–	–	–	–	–	–	–	–	–
	<i>Staphylococcus saprophyticus</i>			10	8–9	8	–	–	–	–	–	–	15–21	–	–	–	–
	<i>Enterococcus</i> spp.			21	15–20	15	–	–	–	–	–	–	15–21	–	–	–	25–31
	<i>Streptococcus</i> spp. viridans group			16	–	16	–	–	–	–	–	–	6–12	19–25	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			17	–	17	–	–	–	–	–	–	–	–	–	–	–
SD112	Ampicillin/Sulbactam	A/S	10/10mcg	15	12–14	11	19–24	29–37	–	13–19	–	–	–	–	–	–	–
	Enterobacteriaceae, <i>Aerobicacter</i>			20	–	19	–	–	–	–	–	–	14–22	–	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			14	–	14	19–24	–	–	13–19	–	–	–	–	–	–	–
	Enterobacteriales			18	–	14–17	13	–	21–26	–	–	–	–	–	–	–	19–25
	<i>Azithromycin</i>			12	–	–	–	–	–	–	–	–	13–21	–	–	–	–
	<i>Staphylococcus</i> , <i>S. pneumoniae</i> , <i>Streptococcus</i> spp. Viridans group & <i>Streptococcus</i> spp. beta haemolytic group			20	–	–	–	–	–	–	–	–	–	–	–	–	–
SD204	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>	AZM	15 mcg	13	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>Neisseria meningitidis</i>			18	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>Salmonella</i> Typhi			12	–	–	–	–	–	–	–	–	13–21	–	–	–	–
	<i>Aztreonam</i>			20	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>Enterobacteriaceae</i>			13	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>P. aeruginosa</i>			26	–	–	–	–	–	–	–	–	30–38	–	–	–	–
SD064	Azlocillin	AZ	75 mcg	–	–	–	–	–	24–30	–	–	–	–	–	–	–	–
	<i>Aerobicacter</i>			–	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>Enterobacteriales</i>			21	18–20	17	28–36	–	–	31–38	–	–	–	–	10–16	–	–
	<i>Pseudomonas</i> spp.			22	16–21	15	–	–	23–29	–	–	–	–	–	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			26	–	–	–	–	–	–	–	–	–	–	9–17	–	–
	<i>Enterobacteriales</i>			50	16–49	16	28–36	–	–	23–29	–	–	–	–	–	–	–
*SD003	Bacitracin	B	10 units	8	9–12	13	–	12–22	–	–	–	–	–	–	–	–	–
SD004	Carbenicillin	CB	100 mcg	–	–	–	23–29	–	18–24	–	–	–	–	–	–	–	–
SD157	Cefaclor	CF	30 mcg	18	15–17	14	23–27	27–31	–	–	–	–	–	–	–	24–32	–
	Enterobacteriaceae, <i>Staphylococcus</i> spp.			20	17–19	16	–	–	–	–	–	–	25–31	–	–	–	–
	<i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>			50	28–49	28	–	–	–	–	–	–	–	–	–	25–31	–
	<i>S. pneumoniae</i>			12	–	12	14–20	–	–	–	–	–	–	–	–	–	–
	<i>Cefadroxil</i>			14	–	14	15–21	–	–	–	–	–	–	–	–	–	–
	<i>Enterobacteriales</i>			18	–	–	–	–	–	–	–	–	–	–	–	–	–
SD200	Cefamandole	FAM	30 mcg	18	15–17	14	26–32	26–34	–	–	–	–	–	–	–	–	–
SD047	Cefazolin	CZ	30 mcg	23	20–22	19	21–27	–	–	–	–	–	–	–	–	–	–
	Enterobacteriaceae			15	–	–	–	–	–	–	–	–	–	–	–	–	–
	Enterobacteriaceae (uncomplicated UTIs)			18	15–17	14	–	29–35	–	–	–	–	–	–	–	–	–
	<i>Staphylococcus</i> spp.			–	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>N. gonorrhoeae</i>			–	–	–	–	–	–	–	–	–	–	–	–	–	–
	<i>S. pneumoniae</i>			–	–	–	–	–	–	–	–	–	–	–	–	–	–

▼ : In accordance to Performance Standards for Antimicrobial Disk Susceptibility Tests, CLSI & EUCAST.

■ : Zone size interpretative criteria is as per CLSI standard. □ : Zone size interpretative criteria is as per EUCAST standard. Resistant criteria is below the given zone diameter.

* : Not included in CLSI chart; FDA approved performance standards for Antimicrobial Discs obtained from drug manufacturers.

For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus* spp. : *Haemophilus* Test Medium;

For *S. pneumoniae* : Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae* : GC Agar Base with 1% defined growth supplement.

References: 1. Bauer, Kirby, Sherris and Turck, 1966, Am. J. Clin. Path., 45 : 493. 2. Performance Standards for Antimicrobial Disk Susceptibility Tests, M100S, 28th Ed., CLSI Vol. 1-38 No.1, Jan-2018. For more details refer to this volume. 3. EUCAST, Breakpoint tables for interpretation of MICs & zone diameters, version 8.0, valid from 01.01.2018. 4. Routine & extended internal quality control for MIC determination & Disc diffusion as recommended by EUCAST, version 8.0, valid from 01.01.2018.

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart▼

(Based on Results obtained using Mueller Hinton Agar)



Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria				Quality Control Limits (mm)											
				Sensitive mm or more	Intermediate mm	Resistant mm or less		E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619	C. jejuni ATCC 33560
SD218	Cefdinir Enterobacteriaceae, <i>Staphylococcus</i> spp. <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>	CDR	5 mcg	20	17-19	16	24-28	25-32	-	-	-	-	-	-	-	40-49	26-31	-	
				20	-	-	-	-	-	-	-	-	-	-	24-31	-	-	-	
SD219	Cefepime Enterobacteriaceae <i>P. aeruginosa</i> , <i>Aerobicacter</i> <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria gonorrhoeae</i> <i>Streptococcus</i> spp. Viridans group <i>Streptococcus</i> spp. beta haemolytic group <i>Enterobacteriales</i> <i>Pseudomonas</i> spp. <i>Streptococcus</i> spp. viridans group <i>Haemophilus influenzae</i> <i>Moraxella catarrhalis</i> <i>Aeromonas</i> spp.	CPM	30 mcg	25	19-24	18	31-37	-	25-31	-	-	-	-	-	-	-	-	-	
				18	15-17	14	-	23-29	-	-	-	-	-	-	-	-	-	-	
				26	-	-	-	-	-	-	-	-	-	25-31	-	-	37-46	-	
				31	-	-	-	-	-	-	-	-	-	-	-	-	28-35	-	
				24	22-23	21	-	-	-	-	-	-	-	-	-	-	-	-	
				24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				27	-	26	31-37	-	-	-	-	-	-	-	-	-	-	-	
				21	-	21	-	-	25-31	-	-	-	-	-	-	-	-	-	
SD211	Cefixime Enterobacteriaceae <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria gonorrhoeae</i> <i>Enterobacteriales</i> <i>Haemophilus influenzae</i> <i>Moraxella catarrhalis</i>	CFM	5 mcg	19	16-18	15	20-26	-	-	-	-	-	-	-	-	-	16-23	-	
				21	-	-	-	-	-	-	-	-	-	25-33	-	-	-	-	
				31	-	-	-	-	-	-	-	-	-	-	-	37-45	-	-	
				17	-	17	20-26	-	-	-	-	-	-	-	-	-	-	-	
SD244	Cefmetazole Enterobacteriaceae <i>Neisseria gonorrhoeae</i>	CMZ	30 mcg	16	13-15	12	26-32	25-34	-	-	-	-	-	16-21	-	-	-	31-36	-
				33	28-32	27	-	-	-	-	-	-	-	-	-	-	-	-	
SD248	Cefonidic Enterobacteriaceae <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i>	CID	30 mcg	18	15-17	14	25-29	22-28	-	-	-	-	-	-	-	-	-	-	
				20	17-19	16	-	-	-	-	-	-	-	30-38	-	-	-	-	
SD072	Cefoperazone Enterobacteriaceae	CPZ	75 mcg	21	16-20	15	28-34	24-33	23-29	-	-	-	-	-	-	-	-	-	
SD040	Cefotaxime (Cephalexime) Enterobacteriaceae <i>Aerobicacter</i> & <i>Staphylococcus</i> spp. <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria meningitidis</i> <i>Neisseria gonorrhoeae</i> <i>Streptococcus</i> spp. Viridans group <i>Streptococcus</i> spp. beta haemolytic group	CTX	30 mcg	26	23-25	22	29-35	-	-	-	-	-	-	-	17-25	-	-	-	
				23	15-22	14	-	25-31	18-22	-	-	-	-	-	-	-	-	-	
				26	-	-	-	-	-	-	-	-	-	31-39	-	-	-	-	
				34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				31	-	-	-	-	-	-	-	-	-	-	38-48	-	-		
				28	26-27	25	-	-	-	-	-	-	-	-	-	31-39	-	-	
				24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SD295E	Cefotaxime (Cephalexime) Enterobacteriales <i>Haemophilus influenzae</i> <i>Moraxella catarrhalis</i> <i>Pasteurella multocida</i> <i>Streptococcus</i> spp. viridans group <i>Kingella kingae</i>	CTX	5 mcg	20	17-19	17	25-31	-	-	-	-	-	-	-	12-18	-	-	-	
				27	-	27	-	-	-	-	-	-	-	29-37	-	-	-	-	
				20	17-19	17	-	-	-	-	-	-	-	-	-	-	-	-	
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-	
				23	-	23	-	-	-	-	-	-	-	-	-	28-34	-	-	
				27	-	27	-	-	-	-	-	-	-	-	-	-	-	-	
SD249	Cefotetan Enterobacteriaceae <i>Neisseria gonorrhoeae</i>	CTN	30 mcg	16	13-15	12	28-34	17-23	-	-	-	-	-	-	-	-	30-36	-	-
SD041	Cefotixin (Cephoxitin) Enterobacteriaceae For <i>S. aureus</i> & <i>S. lugdunensis</i> For Coagulase-negative Staphylococci except <i>S. lugdunensis</i> & <i>S. pseudintermedius</i> <i>Neisseria gonorrhoeae</i> Enterobacteriales <i>Staphylococcus</i> spp. (<i>S. epidermidis</i>) <i>Staphylococcus</i> spp. (Coagulase-negative Staphylococci other than <i>S. epidermidis</i>)	CX	30 mcg	18	15-17	14	23-29	-	-	-	-	-	-	-	-	-	-	-	
				22	-	21	-	23-29	-	-	-	-	-	-	-	33-41	-	-	
				25	-	24	-	-	-	-	-	-	-	-	-	-	-	-	
				28	24-27	23	-	-	-	-	-	-	-	-	-	-	-	-	
				19	-	19	23-29	-	-	-	-	-	-	-	-	-	-	-	
				25	-	25	-	-	-	-	-	-	-	-	-	-	-	-	
				22	-	22	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SD725	Cefpodoxime Enterobacteriaceae, <i>Staphylococcus</i> spp. <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria gonorrhoeae</i> Enterobacteriales <i>Haemophilus influenzae</i>	CPD	10 mcg	21	18-20	17	23-28	19-25	-	-	-	-	-	-	9-16	-	28-34	-	
				21	-	-	-	-	-	-	-	-	-	25-31	-	-	35-43	-	
				29	-	-	-	-	-	-	-	-	-	-	-	-	9-16	-	
				21	-	21	23-28	-	-	-	-	-	-	-	-	30-36	-	29-35	
				26	23-25	23	-	-	-	-	-	-	-	-	-	-	-	-	

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For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus* spp. : Haemophilus Test Medium;

For *S. pneumoniae* : Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae* : GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart

(Based on Results obtained using Mueller Hinton Agar)

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)											
				Sensitive mm or more	Intermediate mm	Resistant mm or less	E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619	C. jejuni ATCC 33560
SD029	Cefprozil Enterobacteriaceae, Haemophilus influenzae & Haemophilus parainfluenzae	CPR	30 mcg	18	15-17	14	21-27	27-33	-	-	-	-	-	20-27	-	-	25-32	-
SD062	Ceftazidime Enterobacteriaceae, B. cepacia Paeruginosa, Acientobacter & Staphylococcus spp. Haemophilus influenzae & Haemophilus parainfluenzae Neisseria gonorrhoeae	CAZ	30 mcg	21	18-20	17	25-32	-	-	-	-	-	-	10-18	-	-	-	-
				18	15-17	14	-	16-20	22-29	-	-	-	-	-	-	-	-	-
				26	-	-	-	-	-	-	-	-	27-35	-	-	-	35-43	-
				31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD062A	Ceftazidime Enterobacteriales Pseudomonas spp.	CAZ	10 mcg	22	19-21	19	23-29	-	-	21-27	-	-	-	-	6-12	-	-	-
				17	-	17	-	-	-	-	-	-	-	-	-	-	-	-
SD110	Ceftriaxone Enterobacteriaceae Haemophilus influenzae & Haemophilus parainfluenzae Neisseria gonorrhoeae	CZX	30 mcg	25	22-24	21	30-36	27-35	12-17	-	-	-	-	-	-	-	28-34	-
				26	-	-	-	-	-	-	-	-	29-39	-	-	-	42-51	-
				38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD065	Ceftriaxone Enterobacteriaceae Paeruginosa, Acientobacter & Staphylococcus spp. Haemophilus influenzae & Haemophilus parainfluenzae Neisseria meningitidis Neisseria gonorrhoeae Streptococcus spp. Viridans group Streptococcus spp. beta haemolytic group	CTR	30 mcg	23	20-22	19	29-35	-	-	-	-	-	-	-	16-24	-	-	-
				21	14-20	13	-	22-28	17-23	-	-	-	-	-	-	-	-	-
				26	-	-	-	-	-	-	-	-	31-39	-	-	-	-	-
				34	-	-	-	-	-	-	-	-	-	-	39-51	-	30-35	-
				35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				27	25-26	24	-	-	-	-	-	-	-	-	-	-	-	-
				27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	22-24	22	29-35	-	-	-	-	-	-	-	16-22	-	-	-
				27	-	27	-	-	-	-	-	-	-	-	-	32-38	-	-
				31	-	31	-	-	-	-	-	-	-	34-42	-	-	-	-
				24	21-23	21	-	-	-	-	-	-	-	-	-	-	-	-
				30	-	30	-	-	-	-	-	-	-	-	-	-	-	-
SD061	Cefuroxime Enterobacteriaceae (parenteral) & Staphylococcus spp. Enterobacteriaceae (oral) Haemophilus influenzae & Haemophilus parainfluenzae Neisseria gonorrhoeae	CXM	30 mcg	18	15-17	14	20-26	27-35	-	-	-	-	-	-	-	-	-	-
				23	15-22	14	-	-	-	-	-	-	-	-	-	-	-	-
				20	17-19	16	-	-	-	-	-	-	-	28-36	-	-	-	-
				31	26-30	25	-	-	-	-	-	-	-	-	33-41	-	-	-
				19	-	19	20-26	-	-	-	-	-	-	-	-	-	28-34	-
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-
				26	-	25	-	-	-	-	-	-	-	26-34	-	-	-	-
				50	26-49	26	-	-	-	-	-	-	-	-	-	-	-	-
				21	18-20	18	-	-	-	-	-	-	-	-	-	-	-	-
				50	21-49	21	-	-	-	-	-	-	-	-	-	-	-	-
				29	-	29	-	-	-	-	-	-	-	-	-	-	-	-
SD050	Cephalexin	CEP	30 mcg	-	-	-	15-21	29-37	-	-	-	-	-	-	-	-	26-32	-
SD006	Chloramphenicol Enterobacteriaceae, Staphylococcus & Enterococcus spp. Haemophilus influenzae & Haemophilus parainfluenzae Neisseria meningitidis S. pneumoniae Streptococcus spp. Viridans group & Streptococcus spp. beta haemolytic group	C	30 mcg	18	13-17	12	21-27	19-26	-	-	-	-	-	-	-	-	-	-
				29	26-28	25	-	-	-	-	-	-	-	31-40	-	-	-	-
				26	20-25	19	-	-	-	-	-	-	-	-	-	-	23-27	-
				21	-	20	-	-	-	-	-	-	-	-	-	-	-	-
				21	18-20	17	-	-	-	-	-	-	-	-	-	-	-	-
				17	-	17	21-27	-	-	-	-	-	-	-	-	-	-	-
				18	-	18	-	-	-	-	-	-	-	-	-	-	-	-
				19	-	19	-	-	-	-	-	-	-	-	-	-	-	-
				21	-	21	-	-	-	-	-	-	-	-	-	24-30	-	-
				28	-	28	-	-	-	-	-	-	-	31-37	-	-	-	-
				30	-	30	-	-	-	-	-	-	-	-	-	-	-	-
SD245	Cinoxacin Enterobacteriaceae	CIN	100 mcg	19	15-18	14	26-32	-	-	-	-	-	-	-	-	-	-	-
SD060	Ciprofloxacin Enterobacteriaceae other than S. Typhi & extra-intestinal Salmonella spp., P. aeruginosa, Acientobacter, Staphylococcus & Enterococcus spp. For S. Typhi and extra-intestinal Salmonella spp., Haemophilus influenzae & Haemophilus parainfluenzae, Neisseria meningitidis, Neisseria gonorrhoeae	CIP	5 mcg	21	16-20	15	29-37	22-30	25-33	-	-	-	-	-	-	-	-	-
				31	21-30	20	-	-	-	-	-	-	-	-	-	-	-	-
				21	-	-	-	-	-	-	-	-	34-42	-	-	-	-	-
				35	33-34	32	-	-	-	-	-	-	-	-	-	-	-	-
				41	28-40	27	-	-	-	-	-	-	-	-	48-58	-	-	-

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For E. coli, S. aureus, P. aeruginosa : Mueller Hinton Agar (MHA). For Haemophilus spp. : Haemophilus Test Medium;

For S. pneumoniae : Mueller Hinton Agar with 5% sheep blood; For N. gonorrhoeae : GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart▼

(Based on Results obtained using Mueller Hinton Agar)



Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)											
				Sensitive mm or more	Intermediate mm	Resistant mm or less	E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619	C. jejuni ATCC 33560
SD192	Enterobacteriales Staphylococcus spp. Coagulase-negative Staphylococci Pseudomonas spp. Enterococcus spp. Acinetobacter spp. Haemophilus influenzae, Campylobacter spp. Moraxella catarrhalis Pasteurella multocida Corynebacterium spp. Aerococcus sanguinicola & urinae Kingella kingae Aeromonas spp.			26	24-25	24	29-37	-	-	-	-	-	-	-	-	-	22-28	-
				21	-	21	-	-	-	-	-	21-27	-	-	-	-	-	-
				24	-	24	-	-	-	-	-	-	-	-	-	-	-	-
				26	-	26	-	-	25-33	-	-	-	-	-	-	-	-	-
				15	-	15	-	-	-	-	-	-	19-25	-	-	-	-	-
				21	-	21	-	-	-	-	-	-	-	-	-	-	-	-
				30	-	30	-	-	-	-	-	-	-	-	-	-	-	34-42
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-
				31	-	31	-	-	-	-	-	-	-	-	-	-	-	-
				27	-	27	-	-	-	-	-	-	-	-	-	-	-	-
				25	-	25	-	-	-	-	-	-	-	-	-	-	-	-
				21	-	21	-	-	-	-	-	-	-	-	-	-	-	-
				28	-	28	-	-	-	-	-	-	-	-	-	-	-	-
				27	24-26	24	-	-	-	-	-	-	-	-	-	-	-	-
SD192	Clarithromycin	CLR	15 mcg	18	14-17	13	-	26-32	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			13	11-12	10	-	-	-	-	-	-	11-17	-	-	-	-	-
	Haemophilus influenzae & Haemophilus parainfluenzae			21	17-20	18	-	-	-	-	-	-	-	-	-	-	25-31	-
SD051	Clindamycin	CD	2 mcg	21	15-20	14	-	24-30	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			19	16-18	15	-	-	-	-	-	-	-	-	-	-	19-25	-
	S. pneumoniae, Streptococcus spp.			22	19-21	19	-	-	-	-	-	23-29	-	-	-	-	-	-
	Viridans group, Streptococcus spp.			19	-	19	-	-	-	-	-	-	-	-	-	-	22-28	-
	beta haemolytic group			17	-	17	-	-	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			20	-	20	-	-	-	-	-	-	-	-	-	-	-	-
SD009	Colistin (Methane Sulphonate)	CL	10 mcg	-	-	-	11-17	-	11-17	-	-	-	-	-	-	-	-	-
SD010	Co-Trimoxazole (Trimethoprim/Sulphamethoxazole)	COT	25 mcg (1.25/23.75) mcg															
	Enterobacteriaceae, Achromobacter, B. cepacia, S. maltophilia, Staphylococcus, Haemophilus influenzae & Haemophilus parainfluenzae			16	11-15	10	23-29	24-32	-	-	-	>=20	24-32	-	-	-	-	-
	Neisseria meningitidis			30	26-29	25	-	-	-	-	-	-	-	-	-	-	-	20-28
	S. pneumoniae			19	16-18	15	-	-	-	-	-	-	-	-	-	-	-	-
	Enterobacteriales			14	11-13	11	23-29	-	-	-	-	-	-	-	-	-	-	-
	Acinetobacter spp.			14	11-13	11	-	-	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			17	14-16	14	-	-	-	-	-	26-32	-	-	-	-	-	-
	Stenotrophomonas maltophilia			16	-	16	-	-	-	-	-	-	-	-	-	-	-	-
	Enterococcus spp.			50	21-49	21	-	-	-	-	-	26-34	-	-	-	-	-	-
	Streptococcus group A, B, C & G, S.pneumoniae, Moraxella catarrhalis			18	15-17	15	-	-	-	-	-	-	-	-	-	-	18-26	-
	Haemophilus influenzae			23	20-22	20	-	-	-	-	-	-	-	-	-	-	-	-
	Listeria monocytogenes			29	-	29	-	-	-	-	-	-	-	-	-	-	-	-
	Pasteurella multocida			23	-	23	-	-	-	-	-	-	-	-	-	-	-	-
	Kingella kingae			28	-	28	-	-	-	-	-	-	-	-	-	-	-	-
	Aeromonas spp.			19	16-18	16	-	-	-	-	-	-	-	-	-	-	-	-
SD283	Doripenem	DOR	10 mcg	23	20-22	19	27-35	33-42	-	-	-	-	-	-	-	-	30-38	-
	Enterobacteriaceae			19	16-18	15	-	-	28-35	-	-	-	-	-	-	-	-	-
	P. aeruginosa			16	-	-	-	-	-	-	-	-	21-31	-	-	-	-	-
	Haemophilus influenzae & Haemophilus parainfluenzae			18	15-17	14	-	-	-	-	-	-	-	-	-	-	-	-
	Acinetobacter spp.			24	21-23	21	27-35	-	-	28-35	-	-	-	-	-	-	31-37	-
	Enterobacteriales			25	22-24	22	-	-	-	-	-	-	-	-	-	-	-	-
	Pseudomonas spp.			24	21-23	21	-	-	-	-	-	-	-	-	-	-	-	-
	Acinetobacter spp.			20	-	20	-	-	-	-	-	-	-	26-32	-	-	-	-
	Haemophilus influenzae			30	-	30	-	-	-	-	-	-	-	-	-	-	-	-
SD012	Doxycycline Hydrochloride	DO	30 mcg	14	11-13	10	18-24	23-29	-	-	-	-	-	-	-	-	-	-
	Enterobacteriaceae			13	10-12	9	-	-	-	-	-	-	-	-	-	-	-	-
	Achromobacter			16	13-15	12	-	-	-	-	-	-	-	-	-	-	-	-
	Staphylococcus & Enterococcus spp.			28	25-27	24	-	-	-	-	-	-	-	-	-	-	25-34	-
SD237	Enoxacin	EN	10 mcg	18	15-17	14	28-36	22-28	22-28	-	-	-	-	-	-	-	43-51	-
	Enterobacteriaceae			18	15-17	14	-	-	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			36	32-35	31	-	-	-	-	-	-	-	-	-	-	-	-
SD280	Ertapenem	ETP	10 mcg	22	19-21	18	29-36	-	13-21	-	-	-	-	27-33	-	-	28-35	-
	Enterobacteriaceae			19	16-18	15	-	24-31	-	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			19	-	-	-	-	-	-	-	-	20-28	-	-	-	-	-
	Haemophilus influenzae & parainfluenzae			25	22-24	22	29-36	-	-	-	-	-	-	27-33	-	-	28-34	-
	Enterobacteriales			20	-	20	-	-	-	-	-	-	-	-	-	-	-	-
	Haemophilus influenzae			29	-	29	-	-	-	-	-	-	-	-	-	-	-	-
	Moraxella catarrhalis			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart

(Based on Results obtained using Mueller Hinton Agar)

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)										
				Sensitive mm or more	Intermediate mm	Resistant mm or less	E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619
SD013	Erythromycin Staphylococcus & Enterococcus spp. S. pneumoniae, Streptococcus spp. Viridans group, Streptococcus spp. beta haemolytic group	E	15 mcg	23	14-22	13	-	22-30	-	-	-	-	-	-	-	-	-
				21	16-20	15	-	-	-	-	-	-	-	-	-	-	25-30
				21	18-20	18	-	-	-	-	23-29	-	-	10-16	-	-	-
				22	19-21	19	-	-	-	-	-	-	-	-	-	26-32	-
				23	20-22	20	-	-	-	-	-	-	-	-	-	-	-
				25	-	25	-	-	-	-	-	-	-	-	-	-	-
				24	-	24	-	-	-	-	-	-	-	-	-	-	-
				20	-	20	-	-	-	-	-	-	-	-	-	-	27-35
				20	-	20	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	20-26	27-34	-	-	-	15-22	-	-	-	-	27-35
SD279	Faropenem Enterobacteriaceae	FAR	5 mcg	-	-	-	20-26	27-34	-	-	-	15-22	-	-	-	-	-
SD205	Fosfomycin Enterobacteriaceae, Enterococcus spp. Enterobacterales (IV) & (oral)	FO	200 mcg	16	13-15	12	22-30	25-33	-	-	-	-	-	-	-	-	-
				24	-	24	26-34	-	-	-	-	-	-	-	-	-	-
SD171	Fusidic acid Staphylococcus spp.	FC	10 mcg	-	-	-	24-32	-	-	-	26-32	-	-	-	-	-	9-16
SD737	Gatifloxacin Enterobacteriaceae, P. aeruginosa, Acientobacter & Enterococcus spp. Staphylococcus spp. Haemophilus influenzae & Haemophilus parainfluenzae Neisseria gonorrhoeae S. pneumoniae, Streptococcus spp. Viridans group, Streptococcus spp. beta haemolytic group	GAT	5 mcg	18	15-17	14	30-37	-	20-28	-	-	-	-	-	-	-	-
				23	20-22	19	-	27-33	-	-	-	-	-	-	-	-	-
				18	-	33	-	-	-	-	-	33-41	-	-	-	45-56	-
				38	34-37	33	-	-	-	-	-	-	-	-	-	-	-
				21	18-20	17	-	-	-	-	-	-	-	-	-	-	24-31
SD250	Gemifloxacin Enterobacteriaceae Haemophilus influenzae & Haemophilus parainfluenzae S. pneumoniae	GEM	5 mcg	20	16-19	15	29-36	27-33	19-25	-	-	-	-	-	-	-	-
				18	-	19	-	-	-	-	-	30-37	-	-	-	-	28-34
				23	20-22	19	-	-	-	-	-	-	-	-	-	-	-
SD195	Gentamicin Enterococcus spp.	HLG	120 mcg	10	7-9	6	-	-	-	-	-	16-23	-	-	-	-	-
SD016	Gentamicin Enterobacteriaceae, P. aeruginosa, Acientobacter & Staphylococcus spp. Enterobacterales Staphylococcus spp. Coagulase negative Staphylococci Pseudomonas spp. Acinetobacter spp. Corynebacterium spp.	GEN	10 mcg	15	13-14	12	19-26	19-27	17-23	-	-	-	-	-	-	-	-
				17	14-16	14	19-26	-	-	-	-	19-25	-	-	-	-	-
				18	-	18	-	-	-	-	-	-	-	-	-	-	-
				22	-	22	-	-	17-23	-	-	-	-	-	-	-	-
				15	-	15	-	-	-	-	-	-	-	-	-	-	-
				17	-	17	-	-	-	-	-	-	-	-	-	-	-
SD170	Gentamicin Enterococcus spp.	GEN	30 mcg	-	-	-	-	-	-	-	-	12-18	-	-	-	-	-
SD073	Imipenem Enterobacteriaceae P. aeruginosa Haemophilus influenzae & Haemophilus parainfluenzae Acientobacter spp. Enterobacterales Pseudomonas spp. Acinetobacter spp. Enterococcus spp. Haemophilus influenzae Moraxella catarrhalis	IPM	10 mcg	23	20-22	19	26-32	-	-	-	-	-	-	-	-	-	-
				19	16-18	15	-	-	20-28	-	-	-	-	-	-	-	-
				16	-	-	-	-	-	-	-	-	21-29	-	-	-	-
				22	19-21	18	-	-	-	-	-	-	-	-	-	-	-
				22	16-21	16	26-32	-	-	-	-	-	-	-	-	34-42	-
				20	17-19	17	-	-	20-28	-	-	-	-	-	-	-	-
				23	17-22	17	-	-	-	-	-	-	-	-	-	-	-
				21	18-20	18	-	-	-	-	-	24-30	-	-	24-30	-	-
SD017	Kanamycin Enterobacteriaceae, Staphylococcus spp.	K	30 mcg	18	14-17	13	17-25	19-26	-	-	-	-	-	-	-	-	-
				19	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	-	-	-	-	-	-	-	-	-	-	-	-	-
SD216	Levofloxacin Enterobacteriaceae, S. Typhi, P. aeruginosa, Acientobacter spp., S. maltophilia, Enterococcus spp., S. pneumoniae, Streptococcus spp. Viridans group, Streptococcus spp. beta haemolytic group Staphylococcus spp. Haemophilus influenzae & Haemophilus parainfluenzae Enterobacterales,	LE	5 mcg	17	14-16	13	29-37	-	19-26	-	-	-	-	-	-	-	20-25
				19	16-18	15	-	25-30	-	-	-	-	-	-	-	-	-
				17	-	-	-	-	-	-	-	-	32-40	-	-	-	-
				23	19-22	19	29-37	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-

▼ : In accordance to Performance Standards for Antimicrobial Disk Susceptibility Tests, CLSI & EUCAST.

■ : Zone size interpretative criteria is as per CLSI standard. □ : Zone size interpretative criteria is as per EUCAST standard. Resistant criteria is below the given zone diameter.

For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus spp.* : Haemophilus Test Medium;

For *S. pneumoniae* : Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae* : GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart▼

(Based on Results obtained using Mueller Hinton Agar)



Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)											
				Sensitive mm or more	Intermediate mm	Resistant mm or less	E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619	C. jejuni ATCC 33560
	<i>Staphylococcus</i> spp., <i>Pseudomonas</i> spp. <i>Coagulase-negative Staphylococci</i> <i>Enterococcus</i> spp. <i>Acinetobacter</i> spp. <i>Streptococcus</i> group A, B, C & G <i>S. pneumoniae</i> <i>Haemophilus influenzae</i> <i>Moraxella catarrhalis</i> <i>Pasteurella multocida</i> <i>Kingella kingae</i>			22	-	22	-	-	19-26	-	23-29	-	-	-	-	-	-	-
				24	-	24	-	-	-	-	-	-	-	-	-	-	-	-
				15	-	15	-	-	-	-	-	-	19-25	-	-	-	-	-
				23	20-22	20	-	-	-	-	-	-	-	-	-	-	-	-
				17	-	17	-	-	-	-	-	-	-	-	-	-	-	-
				16	-	16	-	-	-	-	-	-	-	-	-	-	21-27	-
				30	-	30	-	-	-	-	-	-	-	-	-	-	-	-
				29	-	29	-	-	-	-	-	-	-	-	-	-	-	-
				27	-	27	-	-	-	-	-	-	-	-	-	-	-	-
				28	-	28	-	-	-	-	-	-	-	-	-	-	-	-
SD215	Linezolid <i>Staphylococcus</i> spp. <i>Enterococcus</i> spp. <i>S. pneumoniae</i> , <i>Streptococcus</i> spp. <i>Viridans</i> group, <i>Streptococcus</i> spp. beta haemolytic group	LZ	30 mcg	21	-	20	-	25-32	-	-	-	-	-	-	-	-	-	-
				23	21-22	20	-	-	-	-	-	-	-	-	-	-	-	-
				21	-	-	-	-	-	-	-	-	-	-	-	-	25-34	-
SD296E	Linezolid <i>Enterococcus</i> spp. <i>Staphylococcus</i> spp. <i>Streptococcus</i> group A, B, C & G <i>Corynebacterium</i> spp. <i>S. pneumoniae</i>	LZ	10 mcg	19	-	19	-	-	-	-	-	-	19-25	-	-	-	-	-
				21	-	21	-	-	-	-	-	-	-	-	-	-	-	-
				19	16-18	16	-	-	-	-	-	-	21-27	-	-	-	-	-
				25	-	25	-	-	-	-	-	-	-	-	-	-	-	23-29
SD206	Lomefloxacin <i>Enterobacteriaceae</i> , <i>P. aeruginosa</i> & <i>Staphylococcus</i> spp. <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria gonorrhoeae</i>	LOM	10 mcg	22	19-21	18	27-33	23-29	22-28	-	-	-	-	-	-	-	-	-
				22	-	26	-	-	-	-	-	-	33-41	-	-	-	45-54	-
				38	27-37	-	-	-	-	-	-	-	-	-	-	-	-	-
SD176	Mecillinam <i>Enterobacteriaceae</i> <i>Enterobacterales</i> (Uncomplicated UTI only)	MEC	10 mcg	15	12-14	11	24-30	-	-	-	-	-	-	-	-	-	-	-
				15	-	15	24-30	-	-	-	-	-	-	-	-	-	-	-
SD727	Meropenem <i>Enterobacteriaceae</i> <i>P. aeruginosa</i> <i>Staphylococcus</i> spp. <i>B. cepacia</i> <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria meningitidis</i> <i>Acinetobacter</i> spp.	MRP	10 mcg	23	20-22	19	28-35	-	-	-	-	-	-	-	-	-	-	-
				19	16-18	15	-	-	29-37	-	-	-	-	-	-	-	-	-
				16	14-15	13	-	27-33	-	-	-	-	-	-	-	-	-	-
				20	16-19	15	-	-	-	-	-	-	-	-	-	-	-	-
				20	-	-	-	-	-	-	-	-	20-28	-	-	-	-	28-35
				30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				18	15-17	14	-	-	-	-	-	-	-	-	-	-	-	-
				22	16-21	16	28-35	-	-	27-33	-	-	-	-	-	-	-	30-38
				24	18-23	18	-	-	-	27-33	-	-	-	-	-	-	-	-
				21	15-20	15	-	-	-	-	-	-	-	-	-	-	-	-
				20	-	20	-	-	-	-	-	-	27-35	-	-	-	-	-
				33	-	33	-	-	-	-	-	-	-	-	-	-	-	-
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-
				31	-	31	-	-	-	-	-	-	-	-	-	-	-	-
				30	-	30	-	-	-	-	-	-	-	-	-	-	-	-
SD019	Methicillin	MET	5 mcg	-	-	-	-	17-22	-	-	-	-	-	-	-	-	-	-
SD225	Mezlocillin	MZ	75 mcg	-	-	-	23-29	-	19-25	-	-	-	-	-	-	-	-	-
SD158	Minocycline	MI	30 mcg	16	13-15	12	19-25	25-30	-	-	-	-	-	-	-	-	-	-
				19	15-18	14	-	-	-	-	-	-	-	-	-	-	-	-
				26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				23	20-22	20	-	-	-	23-29	-	-	-	-	-	-	-	-
				23	20-22	20	-	-	-	-	-	-	-	-	-	-	-	25-31
				24	21-23	21	-	-	-	-	-	-	-	-	-	-	-	-
				24	21-23	21	-	-	-	-	-	-	-	26-32	-	-	-	-
SD220	Moxalactam	MX	30 mcg	23	15-22	14	28-35	18-24	17-25	-	-	-	-	-	-	-	-	-
SD217	Moxifloxacin	MO	5 mcg	24	21-23	20	28-35	28-35	17-25	-	-	-	-	-	-	-	-	-
				18	-	-	-	-	-	-	-	-	31-39	-	-	-	-	25-31
				18	15-17	14	-	-	-	-	-	-	-	-	-	-	-	-
				22	-	22	28-35	-	-	-	-	-	-	-	-	-	-	-
				25	-	25	-	-	-	-	-	-	-	-	-	-	-	-
				28	-	28	-	-	-	-	-	-	-	-	-	-	-	-
				19	-	19	-	-	-	-	-	-	-	-	-	-	-	-
				22	-	22	-	-	-	-	-	-	-	-	-	-	24-30	-
				28	-	28	-	-	-	-	-	-	-	30-36	-	-	-	-
				25	-	25	-	-	-	-	-	-	-	-	-	-	-	-
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-
SD293E	Mupirocin	MUP	200 mcg	-	-	-	-	-	-	31-37	-	-	-	-	-	-	-	-
	<i>Staphylococcus</i> spp.																	

▼ : In accordance to Performance Standards for Antimicrobial Disk Susceptibility Tests, CLSI & EUCAST.

■ : Zone size interpretative criteria is as per CLSI standard. ■ : Zone size interpretative criteria is as per EUCAST standard. Resistant criteria is below the given zone diameter.

For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus* spp. : Haemophilus Test Medium;

For *S. pneumoniae* : Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae* : GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart

(Based on Results obtained using Mueller Hinton Agar)

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)											
				Sensitive mm or more	Intermediate mm	Resistant mm or less	<i>E. coli</i> ATCC 25922	<i>S. aureus</i> ATCC 25923	<i>P. aeruginosa</i> ATCC 27853	<i>E. coli</i> ATCC 35218	<i>S. aureus</i> ATCC 29213	<i>E. faecalis</i> ATCC 29212	<i>H. influenzae</i> ATCC 49247	<i>H. influenzae</i> ATCC 49766	<i>K. pneumoniae</i> ATCC 700603	<i>N. gonorrhoeae</i> ATCC 49226	<i>S. pneumoniae</i> ATCC 49619	<i>C. jejuni</i> ATCC 33560
SD246	Nafcillin	NAF	1 mcg	-	-	-	-	16-22	-	-	-	-	-	-	-	-	-	
SD021	Nalidixic Acid <i>Enterobacteriaceae</i> <i>Haemophilus influenzae</i> , <i>Moraxella catarrhalis</i> , <i>Pasteurella multocida</i>	NA	30 mcg	19	14-18	13	22-28	-	-	-	-	-	-	-	27-33	-	-	
				23	-	-	22-28	-	-	-	-	-	-	-	-	-	-	
				23	-	-	-	-	-	-	-	-	-	-	-	-	-	
				23	-	-	-	-	-	-	-	-	-	-	-	-	-	
SD046	Netilin (Netilmicin Sulphate) <i>Enterobacteriaceae</i> , <i>P. aeruginosa</i> , <i>Staphylococcus</i> spp.	NET	30 mcg															
SD085	Netilin (Netilmicin Sulphate) <i>Enterobacteriales</i> <i>Staphylococcus</i> spp. Coagulase negative <i>Staphylococci</i> <i>Pseudomonas</i> spp. <i>Acinetobacter</i> spp.	NET	10 mcg	15	13-14	12	22-30	22-31	17-23	-	-	-	-	-	-	-	-	-
				18	-	18	18-24	-	-	-	-	-	20-26	-	-	-	-	-
				22	-	22	-	-	-	-	-	-	-	-	-	-	-	-
				12	-	12	-	-	15-21	-	-	-	-	-	-	-	-	-
				16	-	16	-	-	-	-	-	-	-	-	-	-	-	-
SD023	Nitrofurantoin <i>Enterobacteriaceae</i> , <i>Staphylococcus</i> & <i>Enterococcus</i> spp.	NIT	300 mcg														23-29	-
SD086	Nitrofurantoin <i>Enterobacteriales</i> <i>Staphylococcus</i> spp. <i>Streptococcus</i> group A, B, C & G, <i>Enterococcus</i> spp. <i>Aerococcus sanguinicola</i> & <i>urinae</i>	NIT	100 mcg	17	15-16	14	20-25	18-22	-	-	-	-	-	-	-	-	23-29	-
				11	-	11	17-23	-	-	-	-	-	17-23	-	-	-	-	-
				13	-	13	-	-	-	-	-	-	-	-	-	-	25-31	-
				15	-	15	-	-	-	-	-	-	18-24	-	-	-	-	-
				15	-	15	-	-	-	-	-	-	-	-	-	-	-	-
SD196	Nitroxoline <i>Enterobacteriales</i> (uncomplicated UTIs only)	NO	30 mcg															
SD057	Norfloxacin <i>Enterobacteriaceae</i> , <i>P. aeruginosa</i> , <i>Staphylococcus</i> & <i>Enterococcus</i> spp.	NX	10 mcg	15	-	15	18-24	-	-	-	-	-	-	-	-	-	15-21	-
				17	13-16	12	28-35	17-28	22-29	-	-	-	-	-	-	-	-	-
				22	19-21	19	28-35	-	-	-	-	-	18-24	-	-	-	-	-
				17	-	-	-	-	-	-	-	-	16-22	-	-	-	-	-
				12	-	12	-	-	-	-	-	-	-	-	-	-	18-24	-
				12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*SD053	Novobiocin	NV	30 mcg	17	18-21	22	-	22-31	-	-	-	-	-	-	-	-	-	-
SD087	Ofloxacin <i>Enterobacteriaceae</i> , <i>P. aeruginosa</i> , <i>S. pneumoniae</i> , <i>Streptococcus</i> spp. <i>Viridans</i> group, <i>Streptococcus</i> spp. <i>beta haemolytic</i> group <i>Staphylococcus</i> spp. <i>Haemophilus influenzae</i> & <i>Haemophilus parainfluenzae</i> <i>Neisseria gonorrhoeae</i> <i>Enterobacteriales</i> <i>Staphylococcus</i> spp. Coagulase-negative <i>Staphylococci</i> <i>Haemophilus influenzae</i> <i>Moraxella catarrhalis</i>	OF	5 mcg	16	13-15	12	29-33	-	17-21	-	-	-	-	-	-	-	16-21	-
				18	15-17	14	24-28	-	-	-	-	-	-	-	-	-	-	-
				16	-	-	-	-	-	-	-	-	31-40	-	-	-	-	-
				31	25-30	24	-	-	-	-	-	-	-	-	-	43-51	-	-
				24	22-23	22	29-33	-	-	-	-	-	21-27	-	-	-	-	18-24
				20	-	20	-	-	-	-	-	-	-	-	-	-	-	-
				24	-	24	-	-	-	-	-	-	-	-	-	-	-	-
				30	-	30	-	-	-	-	-	-	-	31-37	-	-	-	-
				28	-	20	-	-	-	-	-	-	-	-	-	-	-	-
				24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD088	Oxacillin <i>Staphylococcus</i> (<i>S. pseudintermedius</i>) <i>S. pneumoniae</i> <i>S. pneumoniae</i>	OX	1 mcg	18	-	17	-	18-24	-	-	-	-	-	-	-	-	<12 ^b	-
SD070	Pefloxacin <i>Enterobacteriaceae</i> (<i>S. Typhi</i>) <i>Enterobacteriales</i>	PF	5 mcg	24	-	23	25-33	-	-	-	-	-	-	-	-	-	-	-
				24	-	24	26-32	-	-	-	-	-	-	-	-	-	-	-
SD028	Penicillin-G <i>Staphylococcus</i> spp. <i>Enterococcus</i> spp. <i>Neisseria gonorrhoeae</i> <i>Streptococcus</i> spp. <i>beta haemolytic</i> group	P	10 units	29	-	28	-	26-37	-	-	-	-	-	-	-	-	-	-
SD089	Penicillin G <i>Staphylococcus</i> spp. Streptococcus group A, B, C & G <i>Streptococcus</i> spp. <i>viridans</i> group <i>Haemophilus influenzae</i> <i>Listeria monocytogenes</i> <i>Pasteurella multocida</i> <i>Corynebacterium</i> spp. <i>Aerococcus sanguinicola</i> & <i>urinae</i> <i>Kingella kingae</i>	P	1 unit	15	-	14	-	-	-	-	-	-	-	-	-	-	-	-
				47	27-46	26	-	-	-	-	-	-	-	-	-	26-34	-	-
				24	-	-	-	-	-	-	-	-	-	-	-	24-30	-	-
				26	-	26	-	-	-	-	-	-	-	-	-	-	-	-
				18	-	18	-	-	-	-	-	-	-	-	-	-	16-22	-
				18	12-17	12	-	-	-	-	-	-	-	-	-	-	-	-
				12	-	-	-	-	-	-	-	-	-	6-9	15-21	-	-	-
				13	-	13	-	-	-	-	-	-	-	-	-	-	-	-
				17	-	17	-	-	-	-	-	-	-	-	-	-	-	-
				29	-	29	-	-	-	-	-	-	-	-	-	-	-	-
AST	For <i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i> : Mueller Hinton Agar (MHA). For <i>Haemophilus</i> spp.: <i>Haemophilus</i> Test Medium; For <i>S. pneumoniae</i> : Mueller Hinton Agar with 5% sheep blood; For <i>N. gonorrhoeae</i> : GC Agar Base with 1% defined growth supplement.	For <i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i> : Mueller Hinton Agar with 5% sheep blood; For <i>N. gonorrhoeae</i> : GC Agar Base with 1% defined growth supplement.	References: 1. Bauer, Kirby, Sherris and Turck, 1966, Am. J. Clin. Path., 45 : 493. 2. Performance Standards for Antimicrobial Disk Susceptibility Tests, M100S, 28th Ed., CLSI Vol.- 38 No.1, Jan-2018. For more details refer to this volume. 3. EUCAST, Breakpoint tables for interpretation of MICs & zone diameters, version 8.0, valid from 01.01.2018. 4. Routine & extended internal quality control for MIC determination & Disc diffusion as recommended by EUCAST. version 8.0, valid from 01.01.2018.	277														

Antimicrobial Susceptibility Testing - Zone Size Interpretative Chart

(Based on Results obtained using Mueller Hinton Agar)



▼ : In accordance to Performance Standards for Antimicrobial Disk Susceptibility Tests, CLSI & EUCAST.

Zone size interpretative criteria is as per **CLSI** standard. Zone size interpretative criteria is as per **EUCAST** standard. Resistant criteria is below the given zone diameter.

For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus spp.* : Haemophilus Test Medium;

For *S. pneumoniae*: Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae*: GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Zone Size Interpretive Chart

(Based on Results obtained using Mueller Hinton Agar)

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative Criteria			Quality Control Limits (mm)										
				Sensitive mm or more	Intermediate mm	Resistant mm or less	E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853	E. coli ATCC 35218	S. aureus ATCC 29213	E. faecalis ATCC 29212	H. influenzae ATCC 49247	H. influenzae ATCC 49766	K. pneumoniae ATCC 700603	N. gonorrhoeae ATCC 49226	S. pneumoniae ATCC 49619
SD201	Ticarcillin / Clavulanic Acid	TCC	75/10mcg	20	15-19	14	24-30	-	-	21-25	-	-	-	-	-	-	-
	Enterobacteriaceae & Achromobacter			24	16-23	15	-	-	20-28	-	-	-	-	-	-	-	-
	P. aeruginosa			23	-	22	-	29-37	-	-	-	-	-	-	-	-	-
	Staphylococcus spp.			23	20-22	20	24-30	-	-	21-25	-	-	-	-	-	-	-
SD074	Enterobacteriales	TI	75 mcg	18	-	18	-	-	20-28	-	-	-	-	-	-	-	-
	Pseudomonas spp.			23	-	20	24-30	-	-	21-25	-	-	-	-	-	-	-
	Ticarcillin			18	-	18	-	-	-	-	-	-	-	-	-	-	-
SD278	Tigecycline	TGC	15 mcg	-	-	-	20-27	20-25	9-13	-	-	-	23-31	-	-	30-40	23-29
	Enterobacteriales, Enterococcus spp.			18	15-17	15	20-27	-	-	-	-	20-26	-	-	-	-	-
	Staphylococcus spp.			18	-	18	-	-	-	19-25	-	-	-	-	-	-	-
	Streptococcus group A, B, C & G			19	16-18	16	-	-	-	-	-	-	-	-	-	-	24-30
SD044	Tobramycin	TOB	10 mcg	-	-	-	15	13-14	12	18-26	19-29	20-26	-	-	-	-	-
	Enterobacteriaceae, P. aeruginosa, Achromobacter & Staphylococcus spp.			17	14-16	14	18-26	-	-	-	-	-	-	-	-	-	-
	Enterobacteriales			18	-	18	-	-	-	-	-	20-26	-	-	-	-	-
	Staphylococcus spp.			22	-	22	-	-	-	-	-	-	-	-	-	-	-
	Coagulase negative Staphylococci			16	-	16	-	-	20-26	-	-	-	-	-	-	-	-
SD039	Pseudomonas spp.	TR	5 mcg	17	-	17	-	-	-	-	-	-	-	-	-	-	-
	Acinetobacter spp.			16	11-15	10	21-28	19-26	-	-	-	-	-	-	-	-	-
	Enterobacteriaceae, Staphylococcus spp.			18	15-17	15	21-28	-	-	-	-	-	-	-	-	-	-
	Enterobacteriales			17	14-16	14	-	-	-	-	22-28	-	-	-	-	-	-
SD268	Enterococcus spp.	PRU	5 mcg	50	21-49	21	-	-	-	-	24-32	-	-	-	-	-	-
	Enterococcus spp.			-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD045	Ulfloxacin (Prulifloxacin)	VA	30 mcg	-	-	-	32-38	20-26	27-33	-	-	-	-	-	-	-	-
	Vancomycin			17	15-16	14	-	17-21	-	-	-	-	-	-	-	-	-
SD155	Enterococcus spp.	VA	5 mcg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Streptococcus group A, B, C & G			12	-	12	-	-	-	-	-	10 - 16	-	-	-	-	-
	S. pneumoniae			13	-	13	-	-	-	-	-	-	-	-	-	-	-
	Streptococcus spp. viridans group			16	-	16	-	-	-	-	-	-	-	-	-	17-23	-
	Corynebacterium spp.			15	-	15	-	-	-	-	-	-	-	-	-	-	-
SD277	Aerococcus sanguinicolae & urinae	VRC	1 mcg	17	-	17	-	-	-	-	-	-	-	-	-	-	-
	Enterococcus spp.			16	-	16	-	-	-	-	-	-	-	-	-	-	-

Zone size interpretive chart for Antifungal agent

(Based on results obtained on Mueller Hinton Agar + 2% Glucose + 0.5mcg/ml Methylene Blue Dye Medium)

Code	Antifungal agent	Symbol	Disc content	Zone diameter, Nearest Whole (mm)			Quality Control Limits (mm)			
				Resistant mm or less	S-DD*	Susceptible mm or more	C. albicans ATCC 90028	C. parapsilosis ATCC 22019	C. tropicalis ATCC 750	C. krusei ATCC 6258
SD232	Fluconazole	FLC	25 mcg	14	15-18	19	28-39	22-33	26-37	—
SD277	Voriconazole	VRC	1 mcg	13	14-16	17	31-42	28-37	—	16-25

* S-DD - Susceptible - Dose Dependent

References: 1) Method for Antifungal Disk Diffusion Susceptibility Testing of Yeasts; Approved Guidelines - Second Edition Vol.29 No.17, Aug - 2009 CLSI document M44-A2.

For more details refer to this volume.

2) Zone Diameter Interpretive Standards, Corresponding Minimal Inhibitory Concentration (MIC) Interpretive Breakpoints, and Quality Control Limits for Antifungal Disk Diffusion Susceptibility Testing of Yeasts, Third Informational Supplement CLSI document – M44-S3 – Aug 2009.

▼ : In accordance to Performance Standards for Antimicrobial Disk Susceptibility Tests, CLSI & EUCAST.
■ : Zone size interpretative criteria is as per CLSI standard. ■ : Zone size interpretative criteria is as per EUCAST standard. Resistant criteria is below the given zone diameter.
 For *E. coli*, *S. aureus*, *P. aeruginosa* : Mueller Hinton Agar (MHA). For *Haemophilus spp.* : Haemophilus Test Medium;
 For *S. pneumoniae* : Mueller Hinton Agar with 5% sheep blood; For *N. gonorrhoeae* : GC Agar Base with 1% defined growth supplement.

Antimicrobial Susceptibility Testing - Quality Control Limits for Antibiotics*

Based on Results obtained using Mueller Hinton Agar



Product Code	Antimicrobial Agent	Symbol	Disc content	Diameter of zone of inhibition in mm		
				Quality Control Limits		
				E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853
SD082	Amikacin	AK	10 mcg	16-23	18-24	15-23
SD001	Amoxicillin	AMX	10 mcg	19-25	28-36	—
SD129	Amoxicillin	AMX	25 mcg	19-25	28-36	—
SD076	Amoxicillin	AMX	30 mcg	19-25	28-36	—
SD281	Amoxycycl (Amoxicillin/Clavulanic acid)	AMC	50/10 mcg	24-30	30-38	—
SD264	Amoxicillin/Subactam	AMS	30/15 mcg	28-38	32-43	—
SD078	Amoxycycl	AMC	10 mcg	19-25	28-36	—
SD077	Ampicillin	AMP	25 mcg	20-30	32-40	—
SD113	Ampicillin/Clavacillin	AX	10 mcg	16-22	35-37	—
SD124	Azithromycin	AZM	30 mcg	—	24-30	—
SD094	Azlocillin	AZ	30 mcg	—	—	22-28
SD263	Aztreonam	AT	50 mcg	29-37	—	24-33
SD003	Bacitracin	B	10 units	—	12-22	—
SD105	Bacitracin	B	8 units	—	12-22	—
SD079	Cefaloridine (Cephaloridine)	CR	10 mcg	17-21	29-37	—
SD005	Cefaloridine (Cephaloridine)	CR	30 mcg	17-21	29-37	—
SD262	Cefepime	CPM	50 mcg	32-40	26-34	27-35
SD234	Cefepime/Clavulanic acid	CFC	30/10 mcg	32-40	24-30	25-31
SD247	Cefepime/Tazobactam	CPT	80/10 mcg	31-39	30-35	27-34
SD257	Cefepime/Tazobactam	CPT	30/10 mcg	33-39	24-30	26-32
SD820	Cefixime	CFM	10 mcg	24-29	—	—
SD266	Cefixime/Clavulanic acid	CMC	5/10 mcg	24-32	—	—
SD203	Cefoperazone/Subactam	CFS	75/30 mcg	27-33	23-30	22-28
SD254	Cefoperazone/Subactam	CFS	75/10 mcg	27-33	23-30	20-25
SD259	Cefoperazone/Subactam	CFS	50/50 mcg	28-36	24-33	22-29
SD253	Cefoperazone/Tazobactam	CST	75/10 mcg	27-32	23-30	22-28
SD040A	Cefotaxime (Cephalexine)	CTX	10 mcg	29-35	25-31	18-22
SD285	Cefotixin/Clavacillin	CXX	30/200 mcg	26-34	36-50	—
SD724	Cefotaxime/Clavulanic acid	CEC	30/10 mcg	30-37	29-36	—
SD738	Cefpirome	CFP	30 mcg	28-34	29-37	23-29
SD235	Cefpirome/Clavulanic acid	CPC	30/7.5 mcg	29-35	29-37	17-23
SD160	Cefradine (Cephadrine)	CH	25 mcg	17-22	29-37	—
SD704	Cefradine (Cephadrine)	CH	30 mcg	17-22	29-37	—
SD207	Ceftazidime/Clavulanic acid	CAC	30/10 mcg	27-34	<i>K. pneumoniae</i> ATCC 700603 = ≥ 23 mm	
SD269	Ceftazidime/Tazobactam	CAT	80/10 mcg	25-32	19-28	23-30
SD252	Ceftazidime/Tazobactam	CAT	30/10 mcg	25-32	17-24	22-29
SD109	Ceftriaxone	CTR	10 mcg	29-35	22-28	17-23
SD261	Ceftriaxone/Subactam	CIS	30/15 mcg	31-37	24-30	16-21
SD256	Ceftriaxone/Tazobactam	CIT	30/10 mcg	29-35	24-32	17-24
SD251	Ceftriaxone/Tazobactam	CIT	80/10 mcg	29-35	24-32	17-24
SD081	Chloramphenicol	C	10 mcg	17-25	19-26	—
SD131	Chloramphenicol	C	50 mcg	23-29	25-32	—
SD153	Chloramphenicol	C	25 mcg	21-27	23-30	—
SD007	Chlortetracycline	CT	30 mcg	18-25	19-28	—
SD080	Ciprofloxacin	CIP	10 mcg	30-40	27-35	28-35
SD142	Ciprofloxacin	CIP	30 mcg	30-40	27-35	28-35
SD060A	Ciprofloxacin	CIP	1 mcg	26-36	20-28	22-30
SD164	Clindamycin	CD	10 mcg	—	28-34	—
SD008	Cloxacillin	COX	1 mcg	—	18-24	—
SD075	Cloxacillin	COX	5 mcg	—	18-30	—
SD143	Cloxacillin	COX	10 mcg	—	23-34	—
SD165	Cloxacillin	COX	30 mcg	—	30-40	—
SD284	Cloxacillin	COX	200 mcg	—	36-50	—
SD108	Colistin (Methane Sulphonate)	CL	25 mcg	11-15	—	11-15
SD097	Colistin (Methane Sulphonate)	CL	50 mcg	11-15	—	11-15
SD071	Co-Trimazine (Human)	CM	25 mcg	21-28	19-26	—
SD052	Dicloxacillin	D/C	1 mcg	—	18-30	—

Product Code	Antimicrobial Agent	Symbol	Disc content	Diameter of zone of inhibition in mm		
				Quality Control Limits		
				E. coli ATCC 25922	S. aureus ATCC 25923	P. aeruginosa ATCC 27853
SD120	Doxycycline Hydrochloride	DO	10 mcg	12-18	23-29	—
SD150	Enrofloxacin	EX	10 mcg	30-40	22-30	—
SD156	Enrofloxacin	EX	5 mcg	30-40	22-30	—
SD083	Erythromycin	E	10 mcg	—	22-30	—
SD222	Erythromycin	E	5 mcg	—	22-30	—
SD140	Floxidin	FL	20 mcg	30-40	25-30	—
SD141	Floxidin	FL	30 mcg	30-40	25-30	—
SD179	Fosfomycin	FO	50 mcg	19-25	25-33	—
SD014	Framycetin	F	100 mcg	18-24	18-24	16-21
SD015	Furazolidone	FR	50 mcg	20-25	18-22	—
SD197	Furazolidone	FR	100 mcg	20-25	18-22	—
SD042	Furoxone	FX	100 mcg	20-25	18-22	—
SD169	Fusidic Acid	FC	30 mcg	—	26-37	—
SD166	Gentamicin	GEN	50 mcg	21-28	25-33	20-25
SD753	Gatifloxacin	GAT	10 mcg	30-37	27-33	20-28
SD740	Gatifloxacin	GAT	30 mcg	32-40	31-37	24-32
SD265	Imipenam/Cilastin	IC	10/10 mcg	28-35	—	24-31
SD282	Imipenam/EDTA	IE	10/750 mcg	25-31	—	19-27
SD214	Isepamicin	IP	30 mcg	20-28	24-32	19-24
SD223	Kanamycin	K	5 mcg	16-22	19-26	—
SD018	Lincomycin	L	2 mcg	—	15-22	—
SD084	Lincomycin	L	10 mcg	—	15-22	—
SD098	Lincomycin	L	15 mcg	—	22-32	—
SD125	Lomefloxacin	LOM	30 mcg	27-33	23-29	22-28
SD260	Lomefloxacin	LOM	15 mcg	28-36	24-32	22-30
SD177	Mecillinam	MEC	25 mcg	24-36	—	—
SD068	Methanamine Mandelate	ME	3 mg	13-18	14-22	—
SD136	Methicillin	MET	10 mcg	—	17-22	—
SD137	Methicillin	MET	30 mcg	—	22-32	—
SD748	Mupirocin	MUP	5 mcg	—	18-24	—
SD258	Nadifloxacin	NAD	5 mcg	28-34	29-37	25-32
SD731	Neomycin	N	10 mcg	13-19	17-25	—
SD022	Neomycin	N	30 mcg	17-23	18-26	—
SD090	Nitrofurantoin	NIT	200 mcg	20-25	18-22	—
SD024	Nitrofurazone	NR	100 mcg	20-25	18-22	—
SD184	Norfloxacin	NX	5 mcg	28-35	17-28	22-29
SD053	Novobiocin	NV	30 mcg	—	22-31	—
SD121	Novobiocin	NV	5 mcg	—	22-31	—
SD069	Oftloxacin	OF	2 mcg	29-33	24-28	17-21
SD026	Oleandomycin	OL	15 mcg	—	19-28	—
SD043	Oxacillin	OX	5 mcg	—	27-35	—
SD027	Oxytetracycline	O	30 mcg	18-25	19-28	—
SD144	Penicillin G	P	2 units	—	26-37	—
SD175	Piperacillin	PA	30 mcg	18-25	13-19	11-16
SD185	Piperacillin	PA	20 mcg	18-25	13-19	11-16
SD132	Piperacillin	PI	75 mcg	24-30	—	25-33
SD106	Polymyxin B	PB	50 units	12-16	—	11-17
SD139	Polymyxin B	PB	100 units	12-16	—	11-17
SD267	Prulifloxacin (Uliifloxacin)	PRU	10 mcg	28-34	19-27	24-32
SD096	Rifampicin	RIF	2 mcg	8-10	26-34	—
SD127	Rifampicin	RIF	30 mcg	9-12	32-40	—
SD128	Rifampicin	RIF	15 mcg	8-10	26-34	—
SD126	Roxithromycin	RO	30 mcg	—	22-30	—
SD059	Sisomicin	SS	10 mcg	17-24	19-26	17-22
SD054	Spiramycin	SR	30 mcg	—	22-29	—
SD101	Spiramycin	SR	100 mcg	—	22-29	—
SD091	Streptomycin	S	25 mcg	15-23	17-25	—
SD056	Sulfasomidine	SO	300 mcg	18-26	24-34	—

Product Code	Antimicrobial Agent	Symbol	Disc content	Diameter of zone of inhibition in mm		
				Quality Control Limits		
				<i>E. coli</i> ATCC 25922	<i>S. aureus</i> ATCC 25923	<i>P. aeruginosa</i> ATCC 27853
SD033	Sulphamethizole	SM	300 mcg	18-26	24-34	—
SD055	Sulphamethoxypyridazine	ST	300 mcg	18-26	24-34	—
SD036	Sulphaphenazole	SP	200 mcg	18-26	24-34	—
SD092	Sulphadiazine	SZ	100 mcg	12-20	16-26	—
SD034	Sulphadiazine	SZ	300 mcg	18-26	24-34	—
SD133	Tetracycline	TE	10 mcg	18-25	24-30	—
SD154	Tobramycin	TOB	80 mcg	18-26	19-29	19-25

Product Code	Antimicrobial Agent	Symbol	Disc content	Diameter of zone of inhibition in mm		
				Quality Control Limits		
				<i>E. coli</i> ATCC 25922	<i>S. aureus</i> ATCC 25923	<i>P. aeruginosa</i> ATCC 27853
SD093	Trimethoprim	TR	10 mcg	21-28	19-26	—
SD148	Trimethoprim	TR	25 mcg	21-28	19-26	—
SD149	Trimethoprim	TR	30 mcg	21-28	19-26	—
SD038	Triple Sulpha	S3	300 mcg	15-23	24-34	—
SD199	Tylosine	TL	15 mcg	—	22-30	—
SD163	Vancomycin	VA	10 mcg	—	17-21	—
SD182	Virginamycin	VI	15 mcg	—	22-30	—

Cultural Response : Susceptibility test of Metronidazole discs (SD020, SD099) is carried out by incorporating it into 5 ml Fluid Thioglycollate Medium (M009). It is incubated at 35°C for 24 hours and results are recorded on the basis of appearance of growth using *Clostridium perfringens* (ATCC 12924) as a test organism.

Product Code	Antimicrobial Agent	Symbol	Disc content
SD020	Metronidazole	MT	5 mcg
SD099	Metronidazole	MT	4 mcg

No. of Discs*	0	1	3	5	7
Growth	luxuriant	good	poor to good	poor	none

* addition to 5 ml medium

ZONE SIZE INTERPRETATIVE CHART

Product Code	Antimicrobial Agent	Symbol	Disc content	Interpretative criteria		Quality Control Limits*	
				Sensitive	Resistant	<i>Bacteroides fragilis</i> ATCC 25285	<i>Fusobacterium necrophorum</i> ATCC 25286
SD837	Kanamycin	K	1000 mcg	≥ 10 mm	< 10 mm	Resistant (< 10 mm zone)	Sensitive (≥ 10 mm zone)

*: Expected diameter of zone of inhibition, as per Quality Control results obtained on Brucella Blood Agar w/ Hemin and Vitamin K1 (M1039).

Quality Control Limits for Antifungal Agent

(Based on results obtained on Mueller Hinton Agar + 2% Glucose + 0.5mcg/ml Methylene Blue Dye Medium)

Product Code	Antimicrobial Agent	Symbol	Disc content	Quality Control Limits				
				<i>C. albicans</i> ATCC 90028	<i>C. parapsilosis</i> ATCC 22019	<i>C. tropicalis</i> ATCC 750	<i>C. krusei</i> ATCC 6258	<i>C. albicans</i> ATCC 10231
SD111	Amphotericin-B	AP	100 units	10-17	11-20	8-12	9-14	10-18
SD233	Amphotericin-B	AP	20 mcg	10-15	10-17	8-10	8-12	10-16
SD270	Amphotericin-B	AP	50 mcg	12-15	13-17	13-17	14-20	15-23
SD115	Clotrimazole	CC	10 mcg	18-32	16-30	10-20	14-24	12-18
SD114	Fluconazole	FLC	10 mcg	27-38	22-33	16-25	—	18-22
SD221	Itraconazole	IT	10 mcg	16-20	11-18	8-13	8-15	18-22
SD276	Itraconazole	IT	30 mcg	18-22	20-24	11-18	8-15	18-22
SD224	Ketoconazole	KT	10 mcg	20-32	14-29	17-28	10-14	18-22
SD275	Ketoconazole	KT	30 mcg	32-36	26-32	26-32	19-26	31-40
SD274	Ketoconazole	KT	50 mcg	37-45	36-44	27-34	19-26	31-40
SD273	Miconazole	MIC	30 mcg	22-26	13-17	14-20	19-26	20-27
SD272	Miconazole	MIC	50 mcg	26-32	23-29	14-20	19-26	20-27
SD025	Nystatin	NS	100 units	19-27	16-25	16-21	15-20	15-23
SD271	Nystatin	NS	50 mcg	19-23	19-23	13-17	19-26	16-25
								22-27

Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
MIC Interpretative chart for Antibacterial Agents							
Amikacin	EM001 MD001 MD067	<i>Enterobacteriaceae</i> , <i>Acinetobacter</i> <i>Paeruginosa</i> , <i>Staphylococcus</i> spp. other non- <i>Enterobacteriaceae</i>	16	32	64	<i>S.aureus</i> ATCC 29213 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853 <i>E. faecalis</i> ATCC 29212	1-4 0.5-4 1-4 64-256
Amoxicillin	EM002 MD002	<i>S.pneumoniae</i> (non meningitis)	2	4	8	<i>S. pneumoniae</i> ATCC 49619 <i>K. pneumoniae</i> ATCC 700603	0.03-0.12 >128
Amoxyclov (2 : 1)	EM003 MD003	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>K. pneumoniae</i> ATCC 700603	2-8 4-16 4-16
		<i>Haemophilus</i> spp. <i>Staphylococcus</i> *	4	-	8	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>H.influenzae</i> ATCC 49247	0.12-0.5 0.25-1 2-16
		<i>S.pneumoniae</i> (non-meningitis)	2	4	8	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
		Anaerobes	4	8	16	<i>B.fragilis</i> ATCC 25285	0.25-1
Amoxyclov (Amoxicillin/ Clavulanic acid (2 mcg/ml) (As per EUCAST)	EM139	<i>Enterobacteriaceae</i> <i>Enterobacteriaceae</i> (uncomplicated UTI only)	8 32	- -	8 32	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218	2 - 8 4-32
		<i>Enterococcus</i> spp.	4	-	8	-	-
		<i>Moraxella catarrhalis</i>	1	-	1	-	-
		<i>Pasteurella multocida</i>	1	-	1	-	-
		<i>Haemophilus</i> spp.	2	-	2	<i>H. influenzae</i> ATCC 49766	0.125 - 0.5
		Gram positive anaerobes (except <i>Clostridium difficile</i>)	4	-	8	-	-
		Gram negative anaerobes	4	-	8	-	-
		Non species related breakpoints	2	-	8	-	-
Ampicillin	EM068 MD068	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>K. pneumoniae</i> ATCC 700603	2-8 >32.0 >128
		<i>Staphylococcus</i> spp*	0.25	-	0.5	<i>S.aureus</i> ATCC 29213	0.5-2
		<i>Enterococcus</i> spp	8	-	16	<i>E.faecalis</i> ATCC 29212	0.5-2
		<i>Haemophilus</i> spp	1	2	4	<i>H.influenzae</i> ATCC 49247	2-8
		<i>Streptococcus</i> spp. Beta haemolytic group	0.25	-	-	<i>S.pneumoniae</i> ATCC 49619	0.06-0.25
		Anaerobes	0.5	1	2	<i>B.fragilis</i> ATCC 25285	16-64
		<i>Streptococcus</i> spp. Viridans group	0.25	0.5-4	8	-	-
		<i>N.meningitidis</i>	0.12	0.25-1	2	-	-
Ampicillin/Sulbactam (2:1)	EM109	<i>Enterobacteriaceae</i> , <i>Acinetobacter</i> spp.	8	16	32	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>K. pneumoniae</i> ATCC 700603	2 - 8 8 - 32 8-32
		<i>Haemophilus</i> spp	2	-	4	<i>H.influenzae</i> ATCC 49247	2 - 8
		Anaerobes	8	16	32	<i>B.fragilis</i> ATCC 25285	0.5 - 2
Ampicillin/ Sulbactam (4 mcg/ml)	EM140	<i>Enterobacteriaceae</i>	8	-	8	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218	1-4 16 - 128
		<i>Enterococcus</i> spp.	4	-	8	-	-
		<i>Moraxella catarrhalis</i>	1	-	1	-	-
		<i>Haemophilus</i> spp.	1	-	1	<i>H.influenzae</i> ATCC 49247	0.06 - 0.25
		Gram positive anaerobes (except <i>Clostridium difficile</i>)	4	-	8	-	-
		Gram negative anaerobes	4	-	8	-	-
		Non species related breakpoints	2	-	8	-	-
Azithromycin	EM004	<i>Enterobacteriaceae</i> (<i>S. Typhi</i> only)	16	-	32	-	-
	MD004	<i>Staphylococcus</i> spp.	2	4	8	<i>S.aureus</i> ATCC 29213	0.5-2
		<i>Haemophilus</i> spp.(+ CO ₂)	4	-	-	<i>H.influenzae</i> ATCC 49247 (+ CO ₂)	1-4
		<i>Haemophilus</i> spp.(- CO ₂)*	8	-	-	<i>H.influenzae</i> ATCC 49247 (-CO ₂)*	4-16
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp.	0.5	1	2	<i>S.pneumoniae</i> ATCC 49619 (+CO ₂)*	0.5-2

Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
		Beta haemolytic group, Streptococcus spp. Viridans group (+ CO ₂)					
		<i>S.pneumoniae</i> (- CO ₂)*	4	8	16	<i>S.pneumoniae</i> ATCC 49619 (-CO ₂)	0.064-0.25
		<i>N.meningitidis</i>	2	-	-	-	-
Azlocillin	MD005	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>P.aeruginosa</i> ATCC 27853	8 - 32 2 - 8 1 - 4 2 - 8
Aztreonam	EM006 MD006	<i>Enterobacteriaceae</i>	4	8	16	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>K. pneumoniae</i> ATCC 700603	0.06 - 0.25 0.03-0.125 8-64
		Other non- <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i>	8	16	32	<i>P.aeruginosa</i> ATCC 27853	2 - 8
		<i>Haemophilus</i> spp	2	-	-	<i>H.influenzae</i> ATCC 49247	0.12 - 0.5
Bacitracin*	EM126	Not available	-	-	-	<i>S.aureus</i> ATCC 29213	8 - 32
Cefaclor	EM107	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1-4 1-4
		<i>S.pneumoniae</i>	1	2	4	<i>S. pneumoniae</i> ATCC 49619	1-4
		<i>Haemophilus</i> spp.	8	16	32	<i>H. influenzae</i> ATCC 49766	1-4
Carbenicillin	MD007	Other non- <i>Enterobacteriaceae</i>	16	32	64	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>P.aeruginosa</i> ATCC 27853 <i>E.faecalis</i> ATCC 29212	4 - 16 2 - 8 16 - 64 16 - 64
Cefazolin	EM008 MD008	<i>Enterobacteriaceae</i>	2	4	8	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1-4 0.25-1
		<i>Enterobacteriaceae</i> (Surrogate test for uncomplicated UTI) (Parental & Oral)	16	-	32	-	-
Cefdinir	EM009 MD009	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	0.12 - 0.5 0.12 - 0.5
		<i>S.pneumoniae</i>	0.5	1	2	<i>S. pneumoniae</i> ATCC 49619	0.03 - 0.25
		<i>Haemophilus</i> spp.	1	-	-	<i>H. influenzae</i> ATCC 49766	0.12 - 0.5
Cefepime	EM070	<i>Enterobacteriaceae</i>	2	4 - 8	16	<i>E.coli</i> ATCC 25922	0.016-0.12
Cefepime/Tazobactam	EM093 MD010 MD007	other non- <i>Enterobacteriaceae</i> , <i>Acinetobacter</i> spp, <i>P. aeruginosa</i> , <i>Staphylococcus</i> spp*	8	16	32	<i>S.aureus</i> ATCC 29213 <i>Paeruginosa</i> ATCC 27853	1-4 0.5-4
		<i>N. gonorrhoeae</i>	0.5	-	-	-	-
		<i>Haemophilus</i> spp	2	-	-	<i>H.influenzae</i> ATCC 49247	0.5-2
		<i>Streptococcus</i> spp. Beta haemolytic group	0.5	-	-	<i>S.pneumoniae</i> ATCC 49619	0.03-0.25
		<i>S.pneumoniae</i> (meningitis)	0.5	1	2	-	-
		<i>S.pneumoniae</i> (non meningitis), <i>Streptococcus</i> spp. Viridans group	1	2	4	-	-
Cefpirome	MD011	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>Paeruginosa</i> ATCC 27853	1 - 4 0.25 - 2 1 - 4
Cefixime	EM110	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	0.25 - 1 8 - 32
		<i>Haemophilus</i> spp.	1	-	-	<i>H. influenzae</i> ATCC 49766	0.12 - 1
		<i>N.gonorrhoeae</i>	0.25	-	-	<i>N.gonorrhoeae</i> ATCC 49226	0.5 - 2
Cefmetazole	EM114	<i>Enterobacteriaceae</i>	16	32	64	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>Paeruginosa</i> ATCC 27853	0.25 - 1 0.5 - 2 > 32
		<i>N. gonorrhoeae</i>	2	4	8	<i>H.influeanzae</i> ATCC 49247	2 - 16
		Anaerobes	16	32	64	-	-
Cefonicid	EM113	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	0.25 - 1 1 - 4
		<i>Haemophilus</i> spp	4	8	16	<i>H. influenzae</i> ATCC 49766	0.06 - 0.25

MIC Interpretative Chart (For Ezy MIC™ Strip & HiComb™ MIC Test)



Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Cefoperazone	EM112	<i>Enterobacteriaceae</i> , other non- <i>Enterobacteriaceae</i> ,	16	32	64	<i>S.aureus</i> ATCC 29213	1-4
Cefoperazone/Sulbactam*	EM094	<i>Staphylococcus</i> spp#, <i>Anaerobes</i>				<i>E.coli</i> ATCC 25922	0.12-0.5
						<i>Paeruginosa</i> ATCC 27853	2-8
						<i>E.coli</i> ATCC 35218*	0.25-1
Cefotaxime	EM100	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.03-012
	EM064					<i>Paeruginosa</i> ATCC 27853	8-32
	MD015	<i>Other non-Enterobacteriaceae</i> , <i>Acinetobacter</i> spp,	8	16-32	64	<i>S.aureus</i> ATCC 29213	1-4
	MD064	<i>Staphylococcus</i> spp#					
		<i>Haemophilus</i> spp	2	-	-	<i>H.influeanzae</i> ATCC 49247	0.12-0.5
		<i>Streptococcus</i> spp. Beta haemolytic group, <i>N.gonorrhoeae</i>	0.5	-	-	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
						<i>N.gonorrhoeae</i> ATCC49226	0.016-0.06
		<i>S.pneumoniae</i> (meningitis)	0.5	1	2	-	-
		<i>Streptococcus</i> spp. Viridans group, <i>S.pneumoniae</i> (non-meningitis)	1	2	4	-	-
		<i>N.meningitidis</i>	0.12	-	-	-	-
		<i>Anaerobes</i>	16	32	64	<i>B.fragilis</i> ATCC 25285	8-32
Cefoxitin	EM101	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922	2-8
		<i>S.aureus</i> and <i>S.lugdunensis</i>	4	-	8	<i>S.aureus</i> ATCC 29213	1-4
		<i>N. gonorrhoeae</i>	2	4	8	<i>N.gonorrhoea</i> ATCC 49226	0.5-2
		<i>Anaerobes</i>	16	32	64	<i>B.fragilis</i> ATCC 25285	4-16
Cefotetan	EM105	<i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp#.	16	32	64	<i>E.coli</i> ATCC 25922	0.06 -0.25
		<i>N. gonorrhoeae</i>	2	4	8	<i>S.aureus</i> ATCC 29213	4 - 16
		<i>Anaerobes</i>	16	32	64	<i>H.influeanzae</i> ATCC 49247	0.5-2
Cefpirome	EM011	Not available	-	-	-	<i>S.aureus</i> ATCC 29213*	0.25 - 2.0
						<i>Paeruginosa</i> ATCC 27853*	1.0 - 4.0
						<i>H.influeanzae</i> ATCC 49766	0.25 - 1.0
Cepodoxime	EM129	<i>Enterobacteriaceae</i>	2	4	8	<i>E.coli</i> ATCC 25922	0.25 - 1.0
		<i>Haemophilus</i> spp	2	-	-	<i>S.aureus</i> ATCC 29213	1.0 - 8.0
		<i>N.gonorrhoeae</i>	0.5	-	-	<i>H.influeanzae</i> ATCC 49247	0.25 - 1.0
		<i>S.pneumoniae</i>	0.5	1	2	<i>S.pneumoniae</i> ATCC 49619	0.03 - 0.12
Cepodoxime/ Clavulanic acid	EM138	Not available	-	-	-	<i>S.aureus</i> ATCC 29213	0.25 - 1.0
						<i>E.coli</i> ATCC 25922	0.03 - 0.12
						<i>S.pneumoniae</i> ATCC 49619	0.03 - 0.12
						<i>H.influeanzae</i> ATCC 49247	0.25 - 1
Cefprozil	EM130	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922	1.0 - 4.0
		<i>S.pneumoniae</i>	2	4	8	<i>S.aureus</i> ATCC 29213	0.25 - 1.0
		<i>Haemophilus</i> spp	8	16	32	<i>H.influeanzae</i> ATCC 49766	0.25 - 1
Ceftazidime	EM012	<i>Enterobacteriaceae</i>	4	8	16	<i>E.coli</i> ATCC 25922	0.064 - 0.5
	MD012	<i>Staphylococcus</i> spp#, other non- <i>Enterobacteriaceae</i> ,	8	16	32	<i>S.aureus</i> ATCC 29213	4 - 16
	MD069	<i>Acinetobacter</i> , <i>Paeruginosa</i> , <i>S.maltophilia</i> , <i>B.celiacia</i>				<i>Paeruginosa</i> ATCC 27853	1 - 4
		<i>Haemophilus</i> spp	2	-	-	<i>K.pneumoniae</i> ATCC 700603	16 - 64
		<i>N. gonorrhoeae</i>	0.5	-	-		
Ceftizoxime	EM123	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.03 - 0.12
		Other non- <i>Enterobacteriaceae</i>	8	16-32	64	<i>S.aureus</i> ATCC 29213	0.03 - 0.12
						<i>P.aeruginosa</i> ATCC 27853	0.06 - 0.25
						<i>H.influenzae</i> ATCC 49247	2.0 - 8.0
						<i>S. pneumoniae</i> ATCC 49619	16 - 64
						<i>H.influenzae</i> ATCC 49247	0.06 - 0.5
						<i>S. pneumoniae</i> ATCC 49619	0.12 - 0.5
						<i>N. gonorrhoeae</i>	-
						<i>Anaerobes</i>	-
Ceftriaxone	EM013	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.03-0.12
	MD013					<i>E.coli</i> ATCC 35218*	0.06-0.25
Ceftriaxone	EM066	<i>Staphylococcus</i> spp#, other non- <i>Enterobacteriaceae</i> ,	8	16-32	64	<i>S.aureus</i> ATCC 29213	1 - 8
	MD066	<i>Acinetobacter</i> spp.				<i>Paeruginosa</i> ATCC 27853	8 - 64

MIC Interpretative Chart (For Ezy MIC™ Strips & HiComb™ MIC Test)

Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Ceftriaxone/Sulbactam*	EM097	<i>Haemophilus</i> spp	2	-	-	<i>H.influeanzae</i> ATCC 49247	0.06-0.25
		<i>N.gonorrhoeae</i>	0.25	-	-	-	-
		<i>N.meningitidis</i>	0.12	-	-	-	-
		Anaerobes	16	32	64	-	-
		<i>Streptococcus</i> spp. Beta haemolytic group	0.5	-	-	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
		<i>S.pneumoniae</i> (meningitis)	0.5	1	2	-	-
		<i>S.pneumoniae</i> (non meningitis), <i>Streptococcus</i> spp. Viridans group	1	2	4	-	-
Cefalexin	MD014	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>P.aeruginosa</i> ATCC 27853	0.1 - 5 0.01 - 0.1 8 - 32
Cefuroxime	EM102	<i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp* (Parenteral)	8	16	32	<i>E.coli</i> ATCC 25922	2-8
		<i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp* (Oral)	4	8-16	32	<i>S.aureus</i> ATCC 29213	0.5-2
		<i>Haemophilus</i> spp (Parenteral & Oral)	4	8	16	<i>H.influeanzae</i> ATCC 49247	0.25-1
		<i>N.gonorrhoeae</i>	1	2	4	<i>N.gonorrhoeae</i> ATCC 49226	0.25-1
		<i>S.pneumoniae</i> (Parenteral)	0.5	1	2	<i>S.pneumoniae</i> ATCC 49619	0.25-1
		<i>S.pneumoniae</i> (Oral)	1	2	4	-	-
Cephalothin	EM106	<i>Enterobacteriaceae</i> ^	8	16	32	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>S.pneumoniae</i> ATCC 49619	4 - 16 0.12 - 0.5 0.5 - 2
Chloramphenicol	EM016 MD016	<i>Enterobacteriaceae</i> , <i>Enterococcus</i> spp., <i>Bacillus</i> spp <i>Staphylococcus</i> spp., <i>S.maltophilia</i> , <i>B.cepacia</i> , <i>V.cholerae</i> , other non- <i>Enterobacteriaceae</i> , Anaerobes	8	16	32	<i>S.aureus</i> ATCC 29213 <i>E.coli</i> ATCC 25922 <i>E.faecalis</i> ATCC 29212	2-16 2-8 4-16
		<i>Haemophilus</i> spp, <i>N.meningitidis</i>	2	4	8	<i>H.influeanzae</i> ATCC 49247	0.25-1
		<i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	4	8	16	<i>S.pneumoniae</i> ATCC 49619	2-8
		<i>S.pneumoniae</i>	4	-	8	-	-
Ciprofloxacin	EM017 EM082 MD017	<i>Enterobacteriaceae</i> , other than <i>S.Typhi</i> and extraintestinal <i>Salmonella</i> spp, <i>Enterococcus</i> spp, <i>Staphylococcus</i> spp, other non- <i>Enterobacteriaceae</i> , <i>Acinetobacter</i> spp, <i>P.aeruginosa</i>	1	2	4	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>P.aeruginosa</i> ATCC 27853	0.125-0.5 0.25-2 0.004-0.016 0.12-1
		For <i>S.Typhi</i> and extraintestinal <i>Salmonella</i> spp.	0.06	0.12-0.5	1		
		<i>Haemophilus</i> spp	1	-	-	<i>H.influeanzae</i> ATCC 49247	0.004-0.03
		<i>N.gonorrhoea</i>	0.06	0.12-0.5	1	<i>N.gonorrhoea</i> ATCC 49226	0.001-0.008
		<i>N.meningitidis</i>	0.03	0.06	0.12	-	-
Clarithromycin	EM018 MD018	<i>Staphylococcus</i> spp.	2	4	8	<i>S.aureus</i> ATCC 29213	0.12 - 0.5
		<i>Haemophilus</i> spp.	8	16	32	<i>H.influeanzae</i> ATCC 49247	4 - 16
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	0.25	0.5	1	<i>S.pneumoniae</i> ATCC 49619	0.03 - 0.12
Clindamycin	EM019 MD019	<i>Staphylococcus</i> spp	0.5	1-2	4	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.06-0.25 4-16
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	0.25	0.5	1	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
		Anaerobes	2	4	8	<i>B.fragilis</i> ATCC 25285	0.5-2
Colistin	EM020 MD020	Other non- <i>Enterobacteriaceae</i> ⁵	2	4	8	<i>E.coli</i> ATCC 25922	0.5-2
		<i>P.aeruginosa</i>	2	4	8	<i>P.aeruginosa</i> ATCC 27853	0.5-4
		<i>Acinetobacter</i> spp	2	-	4	-	-
Co-Trimoxazole (1:19)	EM021	<i>Enterobacteriaceae</i> , Other non- <i>Enterobacteriaceae</i> , <i>Acinetobacter</i> spp., <i>S.maltophilia</i> , <i>B.cepacia</i> , <i>Staphylococcus</i> spp.	2	-	4	<i>E.coli</i> ATCC 25922*	0.064-0.25
		<i>Haemophilus</i> spp, <i>S.pneumoniae</i>	0.5	1-2	4	<i>H.influeanzae</i> ATCC 49247 <i>S.pneumoniae</i> ATCC 49619	0.032-0.25 0.125-1.0
		<i>N.meningitidis</i>	0.12	0.25	0.5	-	-

MIC Interpretative Chart (For Ezy MIC™ Strip & HiComb™ MIC Test)



Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Co-Trimoxazole (1:19)	MD021					<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>Paeruginosa</i> ATCC 27853 <i>E.faecalis</i> ATCC 29212	≤0.5 ≤0.5 8-32 ≤0.5
Daptomycin	EM088	<i>Staphylococcus</i> spp	1	-	-	<i>S.aureus</i> ATCC 29213	0.12-1
(Supplemented with Calcium ion)		<i>Enterococcus</i> spp	4	-	-	<i>E.faecalis</i> ATCC 29212	1-4
		<i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	1	-	-	<i>S.pneumoniae</i> ATCC 49619	0.06-0.5
Doripenem	EM090	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.016-0.06
		<i>Paeruginosa</i> , <i>Acientobacter</i> spp	2	4	8	<i>Paeruginosa</i> ATCC 27853	0.12-0.5
		<i>Staphylococcus</i> spp*	0.5	-	-	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.016-0.6 1-4
		<i>Haemophilus</i> spp, <i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Viridans group	1	-	-	<i>H.influeanzae</i> ATCC 49766	0.06-0.25
		<i>Streptococcus</i> spp. Beta haemolytic group	0.12	-	-	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
		Anaerobes	2	4	8	<i>B.fragilis</i> ATCC 25285	0.12-0.5
Doxycycline	EM103	<i>Enterobacteriaceae</i> , Other non- <i>Enterobacteriaceae</i> , <i>Acientobacter</i> spp, <i>Staphylococcus</i> spp, <i>Enterococcus</i> spp	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922	0.12-0.5 2-8 0.5-2
		<i>S.pneumoniae</i>	0.25	0.5	1	<i>S.pneumoniae</i> ATCC 49619	0.016-0.12
Enrofloxacin	EM115	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.03 - 0.12 0.12 - 1 0.008 - 0.03 1 - 4
Ertapenem	EM085	<i>Enterobacteriaceae</i>	0.5	1	2	<i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.004-0.016 2-8
		<i>Staphylococcus</i> spp*	2	4	8	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.06-0.25 4-16
		<i>Haemophilus</i> spp	0.5	-	-	<i>H.influeanzae</i> ATCC 49766	0.016-0.06
		<i>S.pneumoniae</i>	1	2	4	<i>S.pneumoniae</i> ATCC 49619	0.03-0.25
		<i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	1	-	-	-	-
		Anaerobes	4	8	16	<i>B.fragilis</i> ATCC 25285	0.06-0.25
Erythromycin	EM022 MD022	<i>Staphylococcus</i> spp, <i>Enterococcus</i> spp	0.5	1-4	8	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.25-1 1-4
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	0.25	0.5	1	<i>S.pneumoniae</i> ATCC 49619	0.03-0.12
Faropenem	EM091	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>E.coli</i> ATCC 25922 <i>S.pneumoniae</i> ATCC 49619 <i>H.influeanzae</i> ATCC 49766	0.03-0.12 0.25-1 0.03-0.25 0.12-0.5
Fosfomycin	EM108	<i>Enterobacteriaceae</i> , <i>Enterococcus</i> spp.	64	128	256	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.5 - 4 32-128 0.5 - 2 2 - 8
(Supplemented with Glucose-6-phosphate)							
Fusidic acid	EM023 MD023	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>S.pneumoniae</i> ATCC 49619	0.06 - 0.25 4 - 32
Gatifloxacin	EM024 MD024	<i>Enterobacteriaceae</i> , other non <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i> , <i>Acinetobacter</i> spp., <i>Enterococcus</i> spp.	2	4	8	<i>E.coli</i> ATCC 25922 <i>P.aeruginosa</i> ATCC 27853 <i>E. faecalis</i> ATCC 29212	0.008 - 0.03 0.5 - 2 0.12 - 1
		<i>Staphylococcus</i> spp	0.5	1	2	<i>S.aureus</i> ATCC 29213	0.03 - 0.12
		<i>Haemophilus</i> spp.	1	-	-	<i>H.influeanzae</i> ATCC 49247	0.004 - 0.03
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group.	1	2	4	<i>S. pneumoniae</i> ATCC 49619	0.12 - 0.5
Gemifloxacin	EM076 MD076	<i>Enterobacteriaceae</i>	0.25	0.5	1	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.008 - 0.03 0.016 - 0.12 0.004-0.016 0.25 - 1

Name	Code	Interpretative Criteria for	Interpretative criteria			Organism (ATCC)	Quality Control limits(mcg/ml)	Standard Range
			≤ S	I	≥ R			
		<i>Haemophilus</i> spp.	0.125	-	-	<i>H.influenzae</i> ATCC 49247	0.002-0.008	
		<i>S.pneumoniae</i>	0.12	0.25	0.50	<i>S. pneumoniae</i> ATCC 49619	0.008 - 0.03	
Gentamicin	EM025 MD025	<i>Enterobacteriaceae,other non-Enterobacteriaceae, Acinetobacter spp, Paeruginosa, Staphylococcus</i> spp.	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.12-1 4-16 0.25-1 0.5-2	
Gentamicin	EM061 MD061	<i>Enterococcus</i> spp.	≤500▲	-	>500▲	<i>E.faecalis</i> ATCC 51299	> 500	
Imipenem	EM104	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.06 - 0.25	
		<i>Pseudomonas aeruginosa, Acinetobacter</i> spp	2	4	8	<i>P.aeruginosa</i> ATCC 27853	1 - 4	
		other non <i>Enterobacteriaceae</i>	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.016 - 0.06 0.5 - 2	
		<i>Haemophilus</i> spp.	4	-	-	<i>H.influenzae</i> ATCC 49766	0.25 - 1	
		<i>S.pneumoniae</i>	0.12	0.25 -0.5	1	<i>S. pneumoniae</i> ATCC 49619	0.03 - 0.12	
		Anaerobes	4	8	16	-	-	
Kanamycin	EM026 MD026	<i>Enterobacteriaceae, Staphylococcus</i> spp.,	16	32	64	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	1 - 4 1 - 4 16 - 64	
Levofloxacin	EM027 MD027	<i>Enterobacteriaceae except Salmonella</i> spp., other non <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa, Acinetobacter</i> spp., <i>B.cepecia, S. maltophilia, Enterococcus</i> spp.	2	4	8	<i>E.coli</i> ATCC 25922 <i>P.aeruginosa</i> ATCC 27853 <i>E. faecalis</i> ATCC 29212	0.008 - 0.06 0.5 - 4 0.25 - 2	
		<i>Staphylococcus</i> spp.	1	2	4	<i>S.aureus</i> ATCC 29213	0.06 - 0.5	
		<i>S.Typhi, S. Paratyphi A-C</i>	0.12	0.25 -1	2	-	-	
		<i>Haemophilus</i> spp.	2	-	-	<i>H.influenzae</i> ATCC 49247	0.008 - 0.03	
		<i>S. pneumoniae, Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group.	2	4	8	<i>S. pneumoniae</i> ATCC 49619	0.5 - 2	
		<i>N.meningitidis</i>	0.03	0.06	0.12	-	-	
Lincomycin	MD028	Not available	2	4	8	<i>S.aureus</i> ATCC 29213	0.1-1	
Linezolid	EM029	<i>Staphylococcus</i> spp.	4	-	8	<i>S.aureus</i> ATCC 29213	1-4	
	MD029	<i>Enterococcus</i> spp.	2	4	8	<i>E.faecalis</i> ATCC 29212	1-4	
		<i>S.pneumoniae, Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	2	-	-	<i>S.pneumoniae</i> ATCC 49619	0.25-2	
Lomefloxacin	MD030	<i>Enterobacteriaceae, other non-Enterobacteriaceae, P. aeruginosa, Staphylococcus</i> spp,	2	4	8	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>P. aeruginosa</i> ATCC 27853 <i>E.faecalis</i> ATCC 29212	0.03 - 0.12 0.25 - 2 1 - 4 2 - 8	
		<i>N. gonorrhoea</i>	0.12	0.25-1	2	-	-	
		<i>Haemophilus</i> spp.	2	-	-	-	-	
Methicillin	MD031	Not avialable	-	-	-	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.5 - 2 > 16	
Mecillinam	EM124	<i>Enterobacteriaceae</i>	8	16	32	<i>E.coli</i> ATCC 25922	0.03 - 0.25	
Meropenem	EM080	<i>Enterobacteriaceae</i>	1	2	4	<i>E.coli</i> ATCC 25922	0.008-0.06	
		<i>Paeruginosa, Acinetobacter</i> spp,	2	4	8	<i>P.aeruginosa</i> ATCC 27853	0.12-1	
		<i>B.cepecia, other non-Enterobacteriaceae</i>	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.03-0.12 2-8	
		Anaerobes, <i>Staphylococcus</i> spp#						
		<i>Haemophilus</i> spp, <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	0.5	-	-	<i>H.influeanzae</i> ATCC 49766	0.03-0.12	
		<i>S.pneumoniae</i>	0.25	0.5	1	<i>S.pneumoniae</i> ATCC 49619	0.03-0.25	
		<i>N.meningitidis</i>	0.25	-	-	-	-	
Metronidazole	EM128	Anaerobes	8	16	32	<i>B. fragilis</i> ATCC 25285	0.25 - 1	
Minocycline	EM032	<i>Enterobacteriaceae, other non Enterobacteriaceae, Acinetobacter</i> spp, <i>B. cepacia, S.maltophilia, Staphylococcus</i> spp, <i>Enterococcus</i> spp	4	8	16	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.25 - 1 0.06 - 0.25 1 - 4	

MIC Interpretative Chart (For Ezy MIC™ Strip & HiComb™ MIC Test)



Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp, Viridans group, <i>Haemophilus</i> spp	2	4	8	-	-
		<i>N. meningitidis</i>	2	-	-	-	-
Moxifloxacin	EM033 MD033	<i>Staphylococcus</i> spp.	0.5	1	2	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.016 - 0.12 0.06 - 0.5 0.008 - 0.06 1 - 8
		<i>Haemophilus</i> spp	1	-	-	<i>H.influenzae</i> ATCC 49247	0.008 - 0.03
		<i>S.pneumoniae</i>	1	2	4	<i>S. pneumoniae</i> ATCC 49619	0.06 - 0.25
		Anaerobe	2	4	8	<i>B. fragilis</i> ATCC 25285	0.125 - 0.5
Mupirocin	EM087 MD034	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.06 - 0.25 16 - 128
Nalidixic Acid	EM035 MD035	<i>Enterobacteriaceae</i>	16	-	32	<i>E.coli</i> ATCC 25922	1-4
Netilmicin	EM095 MD036	<i>Enterobacteriaceae</i> , <i>Paeruginosa</i> , <i>Acientobacter</i> spp, other non- <i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp	8	16	32	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	≤0.25 4-16 ≤0.5-1 0.5-8
Nitrofurantoin	EM037 MD037	<i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp, <i>Enterococcus</i> spp	32	64	128	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>S.pneumoniae</i> ATCC 49619	8-32 4-16 4-16 4-16
Norfloxacin	EM038 MD038	<i>Enterobacteriaceae</i> , other non <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i> , <i>Enterococcus</i> spp., <i>Staphylococcus</i> spp.	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853 <i>S.pneumoniae</i> ATCC 49619	0.5 - 2 2-8 0.03-0.12 1 - 4 2 - 8
Oflloxacin	EM039 MD039	<i>Enterobacteriaceae</i> except <i>Salmonella</i> spp., other non <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i> .	2	4	8	<i>E.coli</i> ATCC 25922 <i>P. aeruginosa</i> ATCC 27853 <i>E. faecalis</i> ATCC 29212	0.016-0.12 1 - 8 1 - 4
		<i>Salmonella</i> spp including <i>S. Typhi</i> and <i>S. Paratyphi</i> A-C	0.12	0.25-1	2	-	-
		<i>Staphylococcus</i> spp	1	2	4	<i>S.aureus</i> ATCC 29213	0.12 - 1
		<i>Haemophilus</i> spp.	2	-	-	<i>H.influenzae</i> ATCC 49247	0.016 - 0.06
		<i>N. gonorrhoeae</i>	0.25	0.5-1	2	-	-
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	2	4	8	<i>S. pneumoniae</i> ATCC 49619	1 - 4
Oxacillin	EM065 MD065	<i>S.aureus</i> and <i>S.lugdunensis</i>	2	-	4	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.12-0.5 8-32
		Coagulase-negative <i>Staphylococci</i> except <i>S.lugdunensis</i>	0.25	-	0.5	<i>S.aureus</i> ATCC 43300	16-64
Penicillin	EM084	<i>Staphylococcus</i> spp	0.12	-	0.25	<i>S.aureus</i> ATCC 29213	0.25-2
	EM062	<i>Enterococcus</i> spp	8	-	16	<i>E.faecalis</i> ATCC 29212	1-4
	MD062	<i>S.pneumoniae</i> (meningitis)	0.06	-	0.12	<i>S.pneumoniae</i> ATCC 49619	0.25-1
		<i>S.pneumoniae</i> (non-meningitis)	2	4	8	-	-
		<i>Streptococcus</i> spp. Beta haemolytic group	0.12	-	-	-	-
		<i>Streptococcus</i> spp. Viridans group	0.12	0.25-2	4	-	-
		<i>N.gonorrhoeae</i>	0.06	0.12-1	2	<i>N.gonorrhoea</i> ATCC 49226	0.25-1
		<i>N.meningitidis</i>	0.06	0.12-0.25	0.5	-	-
		Anaerobes	0.5	1	2	-	-
Pefloxacin*	MD040	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>Paeruginosa</i> ATCC 27853	0.064-0.25 0.1-2 1-4

MIC Interpretative Chart (For Ezy MIC™ Strips & HiComb™ MIC Test)

Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Piperacillin	EM041 MD041	<i>Enterobacteriaceae</i> , other non- <i>Enterobacteriaceae</i> , <i>Paeruginosa</i> <i>Acinetobacter</i> spp	16	32-64	128	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853 <i>E.coli</i> ATCC 35218	1-4 1-4 1-4 1-8 >64
		Anaerobes	32	64	128	-	-
Piperacillin/Tazobactam	EM042 MD042	<i>Enterobacteriaceae</i> ,other non- <i>Enterobacteriaceae</i> , <i>Paeruginosa</i> , <i>Acinetobacter</i> spp	16	32-64	128	<i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>Paeruginosa</i> ATCC 27853 <i>K.pneumoniae</i> ATCC 700603	1-4 0.5-2 1-8 8-32
		<i>Staphylococcus</i> spp*	8	-	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.25-2 1-4
		<i>Haemophilus</i> spp	1	-	2	<i>H.influeanzae</i> ATCC 49247	0.064-0.5
		Anaerobes	32	64	128	<i>B.fragilis</i> ATCC 25285	0.125-0.5
Polymyxin B	EM043 MD043	<i>Pseudomonas aeruginosa</i> , other non- <i>Enterobacteriaceae</i>	2	4	8	<i>E.coli</i> ATCC 25922	0.25 - 2
		<i>Acinetobacter</i> spp.	2	-	4	<i>P.aeruginosa</i> ATCC 27853	0.5 - 2
Pristinomycin	EM044 MD044	<i>Staphylococcus</i> spp., <i>Enterococcus</i> spp.	1	2	4	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.25 - 1 2 - 8
		<i>S.pneumoniae</i> , <i>Streptococcus</i> spp., Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group.	1	2	4	<i>S.pneumoniae</i> ATCC 49619 <i>H.influeanzae</i> ATCC 49247	0.25 - 1 2 - 8
Rifampicin	EM045 MD045	<i>Staphylococcus</i> spp, <i>Enterococcus</i> spp	1	2	4	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.004 -0.016 0.5 - 4 4 - 16 16-64
		<i>Haemophilus</i> spp., <i>S.pneumoniae</i>	1	2	4	<i>S.pneumoniae</i> ATCC 49619 <i>H.influeanzae</i> ATCC 49247	0.016 - 0.06 0.25 - 1
		<i>N.meningitidis</i>	0.5	1	2	-	-
Roxithromycin*	EM046	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>S.pneumoniae</i> ATCC 49619	0.25 - 1 0.12 - 0.5
	MD046					<i>S.aureus</i> ATCC 29213	0.1-1
Sparfloxacin	EM047 MD047	<i>Staphylococcus</i> spp	0.5	1	2	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.03 - 0.12 0.12 - 0.5 0.004 -0.016 0.5 - 2
		<i>Haemophilus</i> spp.,	0.25	-	-	<i>H.influeanzae</i> ATCC 49247	0.004 -0.016
		<i>S.pneumoniae</i> ,	0.5	1	2	<i>S.pneumoniae</i> ATCC 49619 <i>N.gonorrhoea</i> ATCC 49226	0.12 - 0.5 0.004-0.016
Streptomycin*	EM048	<i>Enterococci</i> (HLAR)	-	-	1000	<i>E.coli</i> ATCC 25922 <i>P.aeruginosa</i> ATCC 27853 <i>E. faecalis</i> ATCC 29212	2 - 8 8 - 32 64 - 256
	MD048					<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1-5 1-5
Sulfasomidine*	MD049	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	5 - 10 1 - 5
Sulphadiazine*	MD050	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	15 - 60 30 - 60
Sulphafurazole* (Sulfoxazole)	MD051	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1 - 10 1 - 10
Sulphamethizole*	MD052	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1 - 10 1 - 10
Sulphamethoxy pyridazine*	MD053	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	5 - 10 10 - 30
Sulphaphenazole*	MD054	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213	1 - 10 1 - 5

MIC Interpretative Chart (For Ezy MIC™ Strip & HiComb™ MIC Test)



Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Sulbactam*	EM131	Not available	-	-	-	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>A.baumanii</i> ATCC 19606 <i>A.baumanii</i> ATCC BAA-747 <i>A.baumanii</i> ATCC BAA-1605	16 - 64 64-256 0.25 - 2 1.0 - 4.0 8 - 64
Teicoplanin	EM055 MD055	<i>Staphylococcus</i> spp., <i>Enterococcus</i> spp.	8	16	32	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.25-1 0.25-1
Tetracycline	EM056 MD056	<i>Enterobacteriaceae</i> , Other non- <i>Enterobacteriaceae</i> , <i>Acientobacter</i> spp, <i>Staphylococcus</i> spp, <i>Enterococcus</i> spp	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.12-1 8-32 0.5-2 8-32
		<i>Haemophilus</i> spp	2	4	8	<i>H.influeanzae</i> ATCC 49247	4-32
		<i>S.pneumoniae</i>	1	2	4	<i>S.pneumoniae</i> ATCC 49619	0.06-0.5
		<i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	2	4	8	-	-
		<i>N.gonorrhoea</i>	0.25	0.5-1	2	<i>N.gonorrhoeae</i> ATCC 49226	0.25-1
		Anaerobes	4	8	16	<i>B. fragilis</i> ATCC 25285	0.125-0.5
Ticarcillin	EM057 MD057	<i>Enterobacteriaceae</i> ,Other non- <i>Enterobacteriaceae</i> , <i>Paeruginosa</i> , <i>Acinetobacter</i> spp	16	32-64	128	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853 <i>K. pneumoniae</i> ATCC 700603 <i>E.coli</i> ATCC 35218	2 - 8 16 - 64 4 - 16 8 - 32 >256 >128
		Anaerobes	32	64	128	-	-
Ticarcillin / Clavulanic acid	EM125	<i>Enterobacteriaceae</i> ,Other non- <i>Enterobacteriaceae</i> , <i>Paeruginosa</i> , <i>Acinetobacter</i> spp, <i>B. cepacia</i> , <i>S. maltophilia</i>	16	32-64	128	<i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>E.coli</i> ATCC 35218 <i>Paeruginosa</i> ATCC 27853 <i>K. pneumoniae</i> ATCC 700603	16 -64 4 - 16 8 - 32 8 - 32 32-128
		Anaerobes	32	64	128	-	-
Tigecycline	EM089	Not available	-	-	-	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>S.pneumoniae</i> ATCC 49619 <i>H.influeanzae</i> ATCC 49247	0.03-0.25 0.03-0.12 0.03-0.25 0.016-0.12 0.06-0.5
Tobramycin	EM058 MD058	<i>Enterobacteriaceae</i> , other non <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i> , <i>Acinetobacter</i> spp, <i>Staphylococcus</i> spp.	4	8	16	<i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212 <i>E.coli</i> ATCC 25922 <i>Paeruginosa</i> ATCC 27853	0.12 - 1 8 - 32 0.25 - 1 0.25 - 1
Trimethoprim	EM059 MD059	<i>Enterobacteriaceae</i> , <i>Staphylococcus</i> spp	8	-	16	<i>E.coli</i> ATCC 25922 <i>S.aureus</i> ATCC 29213 <i>E.faecalis</i> ATCC 29212	0.5 - 2 1 - 4 0.12 - 0.5
Vancomycin	EM060	<i>Staphylococcus</i> spp.	2	4-8	16	<i>S.aureus</i> ATCC 29213	0.5-2
	MD060	<i>Enterococcus</i> spp, Coagulase-negative <i>Staphylococci</i>	4	8-16	32	<i>E.faecalis</i> ATCC 29212	1-4
	MD063	<i>S.pneumoniae</i> , <i>Streptococcus</i> spp. Beta haemolytic group, <i>Streptococcus</i> spp. Viridans group	1	-	-	<i>S.pneumoniae</i> ATCC 49619	0.12-0.5

* : Not as per CLSI guidelines.

: Interpretative criteria are as per CLSI Guidelines 2012 & have been deleted thereafter.

^ : Interpretative criteria are as per CLSI Guideline 2015 & have been deleted thereafter.

\$: Interpretative criteria are as per CLSI Guideline 2016 & have been deleted thereafter.

▲ Resistant (R) : Gentamicin is not synergistic with cell wall active agent like ampicillin, Penicillin & Vancomycin & hence resistant to synergism. Report as HLAR.

▲ Susceptible (S) : Gentamicin is synergistic with cell wall active agent like ampicillin, Penicillin & Vancomycin.

References: 1. Bauer, Kirby, Sherris and Turck, 1966, Am. J. Clin. Path., 45 : 493.

2. Performance Standards for Antimicrobial Disk Susceptibility Tests, M100S, 28th Ed., CLSI Vol.- 38 No.1, Jan-2018. For more details refer to this volume.

3. EUCAST, Breakpoint tables for interpretation of MICs & zone diameters, version 8.0, valid from 01.01.2018.

4. Routine & extended internal quality control for MIC determination & Disc diffusion as recommended by EUCAST. version 8.0, valid from 01.01.2018.

For more details refer individual product insert.

Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
MIC Interpretative chart for Antifungal Agents							
Amphotericin B	EM071	Not Available	-	-	-	<i>C.albicans</i> ATCC 90028	0.5 - 2
	MD071					<i>C.albicans</i> ATCC 24433	0.25-1
						<i>C.parapsilosis</i> ATCC 22019	0.25-1
						<i>C. parapsilosis</i> ATCC 90018	0.5-2
						<i>C.tropicalis</i> ATCC 750	0.5-2
						<i>C. krusei</i> ATCC 6258**	0.25-2
Anidulafungin	EM122	<i>Candida krusei</i>	0.25	0.5	1	<i>C. krusei</i> ATCC 6258**	0.03 - 0.12
		<i>Candida parapsilosis</i>	2	4	8	<i>C.parapsilosis</i> ATCC 22019	0.25 - 2
		<i>Candida albicans</i>	0.25	0.5	1	-	-
		<i>Candida glabrata</i>	0.12	0.25	0.5	-	-
		<i>Candida tropicalis</i>	0.25	0.5	1	-	-
		<i>Candida guilliermondii</i>	2	4	8	-	-
Caspofungin	EM119	<i>Candida krusei</i>	0.25	0.5	1	<i>C. krusei</i> ATCC 6258**	0.12 - 1
		<i>Candida parapsilosis</i>	2	4	8	<i>C.parapsilosis</i> ATCC 22019	0.25 - 1
		<i>Candida albicans</i>	0.25	0.5	1	-	-
		<i>Candida glabrata</i>	0.12	0.25	0.5	-	-
		<i>Candida tropicalis</i>	0.25	0.5	1	-	-
		<i>Candida guilliermondii</i>	2	4	8	-	-
Cotrimazole*	EM144	Not Available	-	-	-	<i>C.parapsilosis</i> ATCC 22019 <i>C. krusei</i> ATCC 6258** <i>C.albicans</i> ATCC 10231	0.016 - 0.06 0.016 - 0.06 0.06 - 0.25
Fluconazole	EM072	<i>Candida albicans</i>	2	4	8	<i>C.albicans</i> ATCC 90028	0.25 - 1
	MD072	<i>Candida glabrata</i>	-	≤32	64	<i>C.albicans</i> ATCC 24433	0.25-1
		<i>Candida parapsilosis</i>	2	4	8	<i>C.parapsilosis</i> ATCC 22019	2-8
		<i>Candida tropicalis</i>	2	4	8	<i>C. parapsilosis</i> ATCC 90018 <i>C.tropicalis</i> ATCC 750 <i>C. krusei</i> ATCC 6258** <i>C.albicans</i> ATCC 10231	0.25-1 1-4 16-64 0.5-8
Flucytosine*	EM118	Not Available	-	-	-	<i>C.albicans</i> ATCC 90028 <i>C.albicans</i> ATCC 24433 <i>C.parapsilosis</i> ATCC 22019 <i>C. parapsilosis</i> ATCC 90018 <i>C.tropicalis</i> ATCC 750 <i>C. krusei</i> ATCC 6258**	0.5 - 2 1 - 4 0.06 - 0.5 ≤0.12 - 0.25 ≤0.12 - 0.25 4 - 16
Griseofulvin	EM143	Not Available	-	-	-	<i>T. mentagrophytes</i> MRL 1957 ATCC MYA 4439	0.125 - 0.5
Itraconazole	EM073 MD073	<i>Candida</i> spp ##	0.12	0.25-0.5	1	<i>C.parapsilosis</i> ATCC 22019 <i>C. krusei</i> ATCC 6258**	0.06-0.5 0.12-1
Ketoconazole	EM074 MD074	Not Available	-	-	-	<i>C.parapsilosis</i> ATCC 22019 <i>C. krusei</i> ATCC 6258**	0.03-0.25 0.12-1
Micafungin	EM121	<i>Candida krusei</i>	0.25	0.5	1	<i>C. krusei</i> ATCC 6258**	0.12 - 0.5
		<i>Candida parapsilosis</i>	2	4	8	<i>C.parapsilosis</i> ATCC 22019	0.5 - 4
		<i>Candida albicans</i>	0.25	0.5	1	-	-
		<i>Candida glabrata</i>	0.06	0.12	0.25	-	-
		<i>Candida tropicalis</i>	0.25	0.5	1	-	-
		<i>Candida guilliermondii</i>	2	4	8	-	-
Miconazole*	EM146	Not Available	-	-	-	<i>C. albicans</i> ATCC 24433 <i>C. albicans</i> ATCC 10231 <i>C. parapsilosis</i> ATCC 22019 <i>C. krusei</i> ATCC 6258**	0.125 - 0.5 0.06 - 0.5 0.5 - 2 0.5 - 2
Nystatin*	EM145	Not Available	-	-	-	<i>C.parapsilosis</i> ATCC 22019 <i>C.tropicalis</i> ATCC 750 <i>C. krusei</i> ATCC 6258**	0.25 - 1 0.125 - 1 0.5 - 2

MIC Interpretative Chart (For Ezy MIC™ Strip & HiComb™ MIC Test)



Name	Code	Interpretative Criteria for	Interpretative criteria			Quality Control limits(mcg/ml)	
			≤ S	I	≥ R	Organism (ATCC)	Standard Range
Posaconazole	EM120	Not Available	-	-	-	<i>C.parapsilosis</i> ATCC 22019 <i>C. krusei</i> ATCC 6258**	0.03 - 0.25 0.06 - 0.5
Terbinafine	EM142	Not Available	-	-	-	<i>T. mentagrophytes</i> MRL 1957 ATCC MYA 4439	0.002 - 0.008
Voriconazole	EM086	<i>Candida parapsilosis</i>	0.12	0.25-0.5	1	<i>C.parapsilosis</i> ATCC 22019	0.016-0.12
		<i>Candida krusei</i>	0.5	1	2	<i>C. krusei</i> ATCC 6258**	0.06-0.5
		<i>Candida albicans</i>	0.12	0.25-0.5	1	-	-
		<i>Candida tropicalis</i>	0.12	0.25-0.5	1	-	-

* Not included in CLSI chart.

: Isolates of *C.krusei* are assumed to be intrinsically resistant to Fluconazole. The results of Fluconazole susceptibility testing should not be interpreted using this criterion for this species.

: For Itraconazole, the data are based entirely on experience with mucosal infections, and data supporting breakpoints for invasive infections due to *Candida* spp. is not available.

a : For Flucytosine, RPMI 1640 agar w/ MOPS & 2% Glucose w/o Sodium Bicarbonate is to be recommended.

** : *C. krusei* ATCC 6258 is now known as *Issatchenkia orientalis* ATCC 6258.

For more details refer individual product insert.

Reference: Reference Methods for Broth Dilution Antifungal Susceptibility Testing of Yeasts, Fourth Informational Supplement, M27-S4, Vol: 32, No: 17, Dec 2012.

M2067
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(For Antifungal Testing)

C. parapsilosis
C. krusei
C. albicans
C. tropicalis

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9, 34
(For more details)

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