

DT001 HiDtect™ UTI Identification Disc

For rapid detection and confirmation of microorganisms mainly causing urinary tract infections,
For eg. *E.coli*, *Proteus*, *Klebsiella*, *Pseudomonas*, *Staphylococcus aureus* and *Enterococcus* species.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

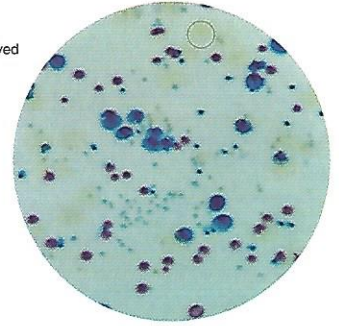
Organisms (ATCC)

Escherichia coli (25922)
Staphylococcus aureus (25923)
Pseudomonas aeruginosa (27853)
Enterococcus faecalis (29212)
Klebsiella pneumoniae (13883)
Proteus mirabilis (12453)

Colour of Colony

Pink-purple
golden yellow to green
colourless (greenish pigment is observed)
blue - blue green (small)
blue to purple mucoid
light brown

-  *Pseudomonas aeruginosa* (ATCC 27853)
colourless, greenish pigment may be observed
-  *Klebsiella pneumoniae* (ATCC 13883)
blue to purple coloured, mucoid
-  *Escherichia coli* (ATCC 25922)
pink to purple coloured
-  *Enterococcus faecalis* (ATCC 29212)
blue coloured small
-  *Staphylococcus aureus* (ATCC 25923)
Golden yellow



DT002 HiDtect™ Salmonella Identification Disc

For rapid detection of *Salmonella* species from coliforms

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

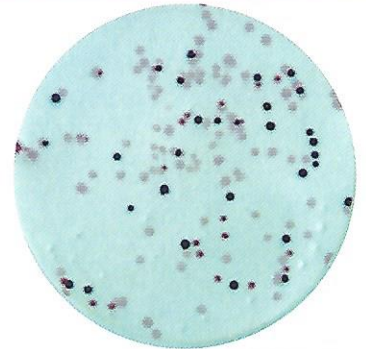
Organisms (ATCC)

Escherichia coli (25922)
Salmonella Typhimurium (14028)
Salmonella Enteritidis (13076)
Klebsiella pneumoniae (13883)

Colour of Colony

blue
light purple
light purple
colourless to pink mucoid

-  *Salmonella* Typhimurium (ATCC 14028)
light purple coloured
-  *Salmonella* Enteritidis (ATCC 13076)
light purple coloured
-  *Klebsiella pneumoniae* (ATCC 13883)
colourless, mucoid
-  *Escherichia coli* (ATCC 25922)
blue coloured



DT003 HiDtect™ Pseudomonas Identification Disc

For rapid detection of *Pseudomonas aeruginosa* from clinical and nonclinical specimen

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

Organisms (ATCC)

Escherichia coli (25922)
Pseudomonas aeruginosa (27853)
Enterococcus faecalis (29212)
Klebsiella pneumoniae (13883)

Colour of Colony

colourless
colourless
colourless
colourless, mucoid

Fluorescence

Negative
Positive
Negative
Negative

-  *Pseudomonas aeruginosa* (ATCC 27853)
fluorescence
-  *Escherichia coli* (ATCC 25922)
blue coloured no fluorescence

Fluorescence under uv (365 nm)



DT004 HiDtect™ DNase Identification Disc

For rapid detection of deoxyribonuclease activity of bacteria especially for pathogenic *Staphylococci*

Appearance: Blue coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

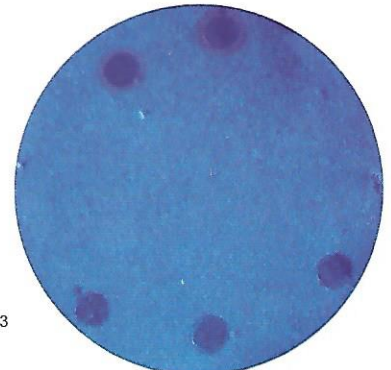
Organisms (ATCC)

Staphylococcus aureus (25923)

DNase activity

Positive, pink zone around the colony

-  *Escherichia coli* ATCC 25922
-  *Staphylococcus aureus* ATCC 25923
Pink zone



DT005 HiDtect™ Universal Microbial Limit Test Disc

For detection of pathogenic microorganisms such as *E.coli*, *S.aureus*, *P.aeruginosa*, and *Salmonella* species from pharmaceutical preparations, raw materials and cosmetic samples etc.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

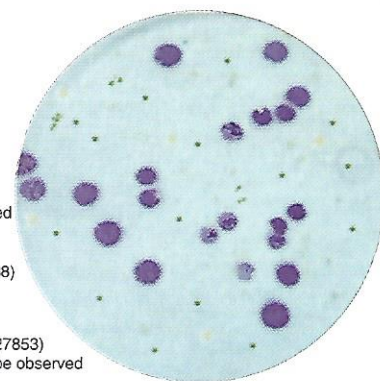
Organisms (ATCC)

Pseudomonas aeruginosa (9027)
Escherichia coli (8739)
Staphylococcus aureus (6538)
Salmonella Typhimurium (14028)
Salmonella Abony (NCTC 6017)

Colour of Colony

colourless (greenish pigment is observed)
 Pink-purple
 green to bluish green
 colourless
 colourless

-  *Escherichia coli* (ATCC 8739)
Pink-Purple colour may be observed
-  *Staphylococcus aureus* (ATCC 6538)
Green Colour may be observed
-  *Pseudomonas aeruginosa* (ATCC 27853)
colourless, greenish pigment may be observed



DT006 HiDtect™ E.coli Chromogenic Identification Disc

For rapid detection and confirmation of *Escherichia coli* in water and food samples.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

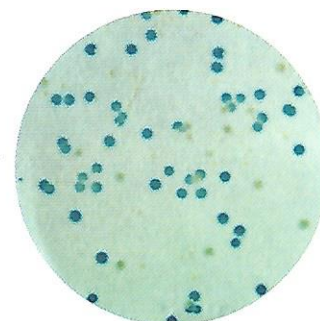
Organisms (ATCC)

Pseudomonas aeruginosa (27853)
Escherichia coli (25922)
Staphylococcus aureus (25923)
Salmonella Typhimurium (14028)

Colour of Colony

colourless
 blue
 colourless
 colourless

-  *Staphylococcus aureus* (ATCC 25923)
Colourless
-  *Escherichia coli* (ATCC 25922)
Blue colour



DT007 HiDtect™ E. coli Fluorogenic Identification Disc

For rapid detection and confirmation of *Escherichia coli* in water and food samples on the basis of fluorogenic emission at 365 nm.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media..

Organisms (ATCC)

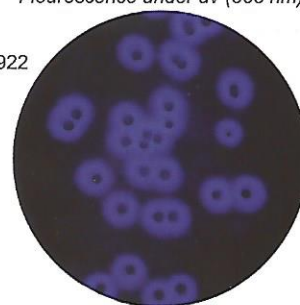
Pseudomonas aeruginosa (27853)
Escherichia coli (25922)
Staphylococcus aureus (25923)
Salmonella Typhimurium (14028)

Fluorescence under uv light

negative
 positive
 negative
 negative

Flourescence under uv (365 nm)

E. coli ATCC 25922



DT008 HiDtect™ Dual Confirmation of E. coli Identification Disc

For rapid detection and confirmation of *Escherichia coli* in water and food samples based on chromogenic and fluorogenic confirmation.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

Organisms (ATCC)

Pseudomonas aeruginosa (27853)
Escherichia coli (25922)
Staphylococcus aureus (25923)
Salmonella Typhimurium (14028)

Colour of Colony

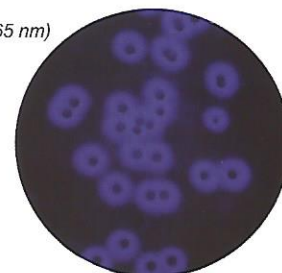
colourless
 blue
 colourless
 colourless

Fluorescence under uv light

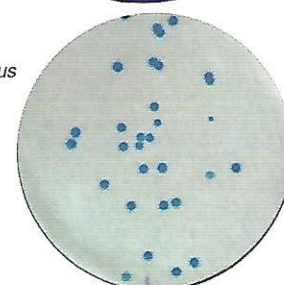
negative
 positive
 negative
 negative

Flourescence under uv (365 nm)

E. coli ATCC 25922



-  *Staphylococcus aureus* (ATCC 25923)
Colourless
-  *Escherichia coli* (ATCC 25922)
Blue colour



DT009 HiDtect™ Differential Identification Disc

For rapid detection of lactose fermenting and lactose non fermenting enteric bacteria from water, food, dairy products, cosmetics and pharmaceutical preparations etc.

Appearance: Pinkish coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after incubation at 35-37°C when disc is placed on an 18 hour old grown culture plate of any general media.

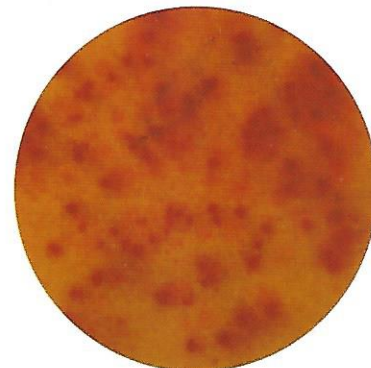
Organisms (ATCC)

Escherichia coli (25922)
Escherichia coli (8739)
Staphylococcus aureus (25923)
Salmonella Typhimurium (14028)

Colour of Colony

dark pink
 dark pink
 colourless to yellow
 colourless to yellow

-  *Escherichia coli* (ATCC 25922)
Dark pink coloured
-  *S. Typhimurium* (ATCC 14028)
Colourless



DT010 HiDtect™ Universal Food pathogen Identification Disc

For rapid detection of food pathogens such as *E.coli*, *E.coli* O157:H7, *Staphylococcus aureus*, *Salmonella*, *Bacillus*, *Listeria* and *Shigella* species etc. from various food, dairy, fish and meat products.

Appearance: Light pink coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

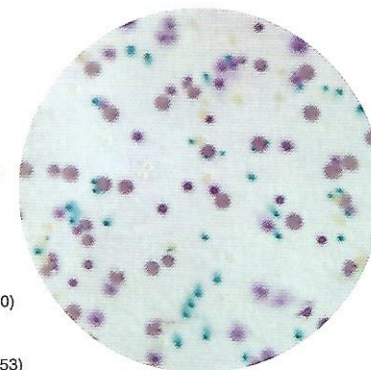
Organisms (ATCC)

Escherichia coli (25922)
Staphylococcus aureus (25923)
Salmonella Typhimurium (14028)
Bacillus cereus (10876)
Listeria monocytogenes (19111)
Escherichia coli O157:H7 (NCTC 12900)
Shigella flexneri (12022)

Colour of Colony

purple
 golden yellow to green
 colourless
 light green (big)
 blue-green
 purple -pink
 colourless

-  *Listeria monocytogenes* (ATCC 19111)
Blue coloured
-  *Escherichia coli* (ATCC 25922)
Purple coloured
-  *Escherichia coli* O157:H7 (NCTC 12900)
Pink purple coloured
-  *Pseudomonas aeruginosa* (ATCC 27853)
colourless, greenish pigment may be observed



DT011 HiDtect™ Bacillus Identification Disc

For rapid detection and differentiation between various species of *Bacillus* such as *B.subtilis*, *B.cereus*, *B.thuringiensis*, from food, meat, fish, cosmetic and pharmaceutical preparations.

Appearance: Pale pink coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

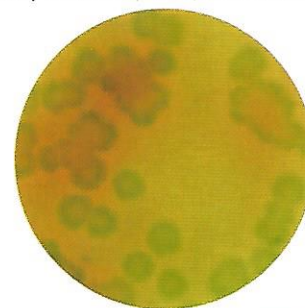
Organisms (ATCC)

Bacillus cereus (10876)
Bacillus subtilis (6633)
Bacillus thuringiensis (10792)

Colour of Colony

light blue
 yellowish green to green
 light blue

-  *Bacillus subtilis* (ATCC 6633)
green coloured



DT012 HiDtect™ Total Coliform Identification Disc

For qualitative detection of coliforms from water, pharmaceutical preparations, dairy and food products.

Appearance: Pink coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

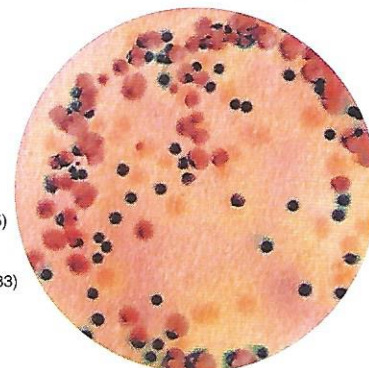
Organisms (ATCC)

Escherichia coli (25922)
Enterobacter cloacae (23355)
Citrobacter freundii (8090)
Klebsiella pneumoniae (13883)

Colour of Colony

dark blue
 salmon to red
 salmon to red
 light pink

-  *Escherichia coli* (ATCC 25922)
Dark blue coloured
-  *Enterobacter cloacae* (ATCC 23355)
Salmon to red coloured
-  *Klebsiella pneumoniae* (ATCC 13883)
Light pink mucoid coloured



DT013 HiDtect™ Differential Coli-E. coli Identification Disc

For rapid detection of *E.coli*, *Klebsiella*, *Pseudomonas* and *Salmonella* species in food, environmental and water samples.

Appearance: White coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

Organisms (ATCC)

Escherichia coli (25922)
Klebsiella pneumoniae (13883)
Pseudomonas aeruginosa (27853)
Salmonella Enteritidis (13076)

Colour of Colony

dark blue to violet
 light pink
 colour less
 salmon to red

-  *Pseudomonas aeruginosa* (ATCC 27853)
colourless, greenish pigment may be observed
-  *Klebsiella pneumoniae* (ATCC 13883)
Light pink coloured
-  *Escherichia coli* (ATCC 25922)
Dark blue to violet coloured
-  *Salmonella Enteritidis* (ATCC 13076)
Salmon to red coloured



DT014 HiDtect™ Biochemical Esculin Identification Disc

For rapid detection of Group D *Streptococci* from food, dairy, water samples and pharmaceutical products etc.

Appearance: Light brown coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours after replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.

Organisms (ATCC)

Escherichia coli (25922)
Enterococcus faecalis (29212)
Enterococcus faecium (27273)
Staphylococcus aureus (25923)

Colour of Colony

colourless
 black
 black
 colourless

-  *Escherichia coli* (ATCC 25922)
Colourless
-  *Enterococcus faecalis* (ATCC 29212)
Black coloured



DT015 HiDtect™ Universal Enviro Identification Disc

For rapid detection of *Pseudomonas*, *Enterococcus*, *E.coli* and *Salmonella* species etc. from food environmental samples, samples of clinical origin such as nosocomial samples.

Appearance: Pale pink coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on replication and incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media..

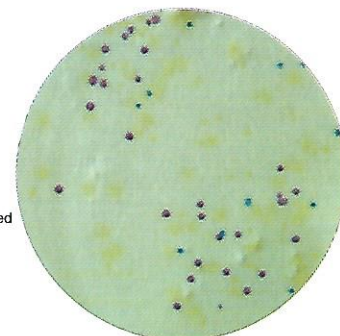
Organisms (ATCC)

Escherichia coli (25922)
Staphylococcus aureus (25923)
Pseudomonas aeruginosa (27853)
Enterococcus faecalis (29212)
Salmonella Typhimurium (14028)

Colour of Colony

Pink-purple
 golden yellow to green
 colourless (greenish pigment is observed)
 blue - blue green (small)
 colourless

-  *Pseudomonas aeruginosa* (ATCC 27853)
colourless, greenish pigment may be observed
-  *Escherichia coli* (ATCC 25922)
pink to purple coloured
-  *Enterococcus faecalis* (ATCC 29212)
blue coloured small

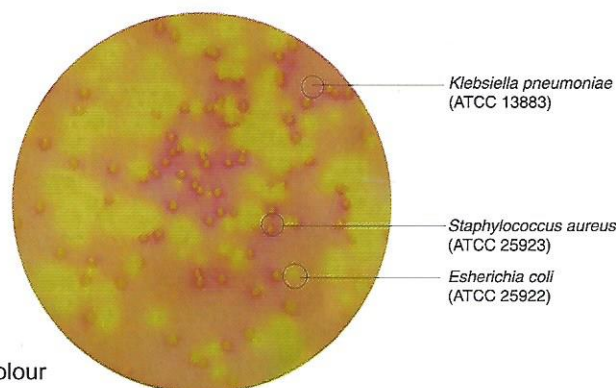


DT016/DT017/DT018/DT019/DT020 HiDtect™ Glucose Fermentation Disc/ HiDtect™ Lactose Fermentation Disc/ HiDtect™ Mannitol Fermentation Disc / HiDtect™ Xylose Fermentation Disc/ HiDtect™ Sucrose Fermentation Disc

For rapid detection of carbohydrate fermenting organisms from mixed flora where fermenting organisms will exhibit yellow colour

Appearance: Pinkish coloured sterile identification disc.

Cultural Response: Identification observed within 1-4 hours on incubation at 35-37°C, when disc is placed on an 18 hour old grown culture plate of any general media.



Development of yellow colour indicates positive reaction