



Your perfect choice for complete range of instant nucleic acid and protein purification, faster amplification and quicker detection needs in molecular research and diagnostics.



MB

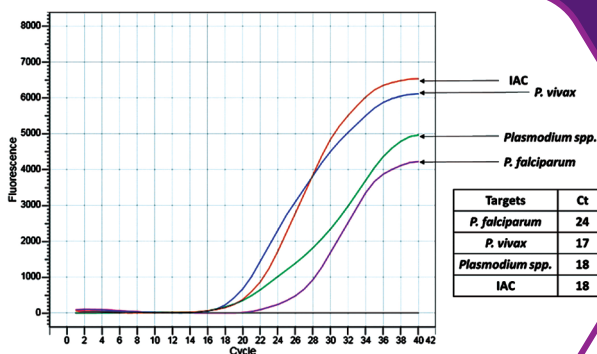
MOLECULAR BIOLOGY

MOLECULAR BIOLOGY PRODUCTS

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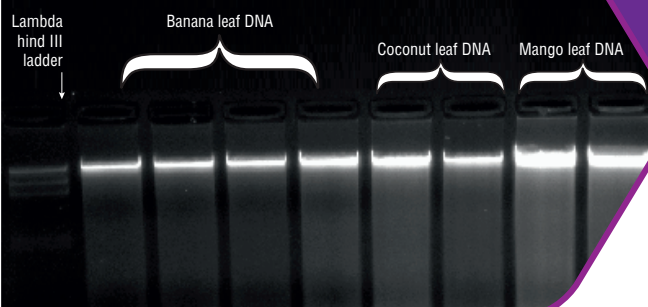
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New Real-Time Probe Based PCR Kit for Plasmodium Species Detection Kit (Multiplex)

- Designed for rapid, sensitive and specific detection of *Plasmodium spp.*, *Plasmodium falciparum* and *Plasmodium vivax* from the malarial clinical samples



HiPurA™ 96 SuperPlant DNA Purification Kit

- Fastest and easiest method to purify total DNA from plant in 96 well format.
- High throughput applications in PCR



New HiPer® SGOT (ASAT) & HiPer® SGPT (ALAT) Estimation Teaching Kits

- Available in convenient pack size
- Student friendly
- Reliable results



Insta DNA™ Cards



Forensic Buffers & Extraction Kits



PCR Thermal Cyclers

Products for Forensic Applications

Simplify your forensic applications with HiMedia's range of products viz.

- Insta DNA™ Cards
- Forensic Buffers & Extraction Kits
- PCR Thermal Cyclers

Product

Code

Packing

Product

Code

Packing

GENOMICS

Isolation and Purification of Nucleic Acids

DNA Isolation Kits

DNA-XPress™ Reagent Principle : Solution Based Sample material : 1ml blood, upto 10 ⁷ cells, 50-200mg plant tissue, 50mg animal tissue. Total DNA yield : upto 50µg	MB501-100ML	100ml	HiPurA™ Plant Genomic DNA Miniprep Purification Kit Principle : Column Based Sample material : 100mg plant tissue. Total DNA yield : 5 - 40µg	MB507-20PR MB507-50PR MB507-250PR	20pr* 50pr* 250pr*
Blood DNA Kits			HiPurA™ Plant Genomic DNA Maxiprep Purification Kit Principle : Column Based Sample material : 1g plant tissue. Total DNA yield : 50 - 250µg	MB520-10PR MB520-25PR	10pr* 25pr*
HiPurA™ SPP Blood DNA Isolation Kit Principle : Solution Based Sample material : 50µl - 12ml whole blood. Total DNA yield : upto 700µg	MB541-10ML MB541-50ML MB541-150ML MB541-300ML	10ml 50ml 150ml 300ml	HiPurA™ 96 Plant Genomic DNA Purification Kit Principle : Column Based Sample material : 50 - 100mg plant tissue / well. Total DNA yield : 1 - 15µg / well	MB523-1X96PR MB523-4X96PR MB523-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ Blood Genomic DNA Miniprep Purification Kit Principle : Column Based Sample material : 200µl whole blood. Total DNA yield : 4 - 12µg	MB504-20PR MB504-50PR MB504-250PR	20pr* 50pr* 250pr*	HiPurA™ Banana DNA Purification Kit Principle : Column Based Sample material : 200mg banana tissue. Total DNA yield : 10 - 50µg	MB564-20PR MB564-50PR MB564-250PR	20pr* 50pr* 250pr*
HiPurA™ Blood Genomic DNA Midiprep Purification Kit Principle : Column Based Sample material : 1 - 2ml whole blood. Total DNA yield : 15 - 50µg	MB516-10PR MB516-25PR	10pr* 25pr*	HiPurA™ SuperPlant DNA Purification Kit (For purification of DNA from plants rich in polyphenols) Principle : Column Based Sample material : 200mg plant tissue. Total DNA yield : 10-50µg	MB571-20PR MB571-50PR MB571-250PR	20pr* 50pr* 250pr*
HiPurA™ Blood Genomic DNA Maxiprep Purification Kit Principle : Column Based Sample material : 10ml whole blood. Total DNA yield : 100 - 600µg	MB517-10PR MB517-25PR	10pr* 25pr*	HiPurA™ 96 SuperPlant DNA Purification Kit (For purification of DNA from plants rich in polyphenols) Principle : Column Based Sample material : 200mg plant tissue / well.	New MB574-1X96PR MB574-4X96PR MB574-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ 96 Blood Genomic DNA Purification Kit Principle : Column Based Sample material : 200µl whole blood / well. Total DNA yield : 4 - 12µg / well	MB521-1X96PR MB521-4X96PR MB521-12X96PR	1X96pr* 4X96pr* 12X96pr*	Microbial DNA Kits		
Plant DNA Kits			HiPurA™ Bacterial Genomic DNA Purification Kit Principle : Column Based Sample material : 1.5ml culture. Total DNA yield : upto 20µg	MB505-20PR MB505-50PR MB505-250PR	20pr* 50pr* 250pr*
HiPurA™ Plant DNA Isolation Kit (CTAB Method) Principle : Solution Based Sample material : 300 - 400mg plant tissue. Total DNA yield : upto 500µg	MB502-50PR	50pr*	HiPurA™ 96 Bacterial Genomic DNA Purification Kit Principle : Column Based Sample material : 1.5ml culture / well. Total DNA yield : upto 20µg / well	MB548-1X96PR MB548-4X96PR MB548-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ Cotton DNA Isolation Kit Principle : Solution Based Sample material : 100mg plant tissue. Total DNA yield : 7 - 12µg	MB528-50PR MB528-250PR	50pr* 250pr*	HiPurA™ Streptomyces DNA Purification Kit Principle : Column Based Sample material : 10 - 15mg streptomyces sample. Total DNA yield : 15 - 20µg	MB527-20PR MB527-50PR MB527-250PR	20pr* 50pr* 250pr*
HiPurA™ Banana DNA Isolation Kit Principle : Solution Based Sample material : 200mg plant tissue. Total DNA yield : 10 - 50µg	MB533-50PR MB533-250PR	50pr* 250pr*	HiPurA™ Mycobacterium tuberculosis Decontamination Kit Used to decontaminate the starting sample before performing <i>M. tuberculosis</i> DNA extraction.	MB545D-20PR	20pr*
HiPurA™ Marine Algae DNA Purification Kit Principle : Solution Based Sample material : 250 - 300mg algae.	MB561-20PR MB561-50PR MB561-250PR	20pr* 50pr* 250pr*			

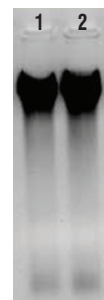
* Preparation

All the Molecular Biology Products to be stored at 15-25°C except certain components specified in each kit (as specified on label)

Product	Code	Packing
HiPurA™ Mycobacterium tuberculosis DNA Purification Kit Principle : Column Based Sample material : For Cell : 5 ml culture For Tissue : 20-30 mg tissue Total DNA yield : upto 20µg	MB545-20PR MB545-50PR MB545-250PR	20pr* 50pr* 250pr*
Plasmid DNA Kits		
HiPurA™ Plasmid DNA Miniprep Purification Kit Principle : Column Based Sample material : 1 - 5ml culture. Total DNA yield : upto 20µg	MB508-20PR MB508-50PR MB508-250PR	20pr* 50pr* 250pr*
HiPurA™ Plasmid DNA Midiprep Purification Kit Principle : Column Based Sample material : 150ml culture. Total DNA yield : 25 - 100µg	MB509-10PR MB509-25PR	10pr* 25pr*
HiPurA™ Plasmid DNA Maxiprep Purification Kit Principle : Column Based Sample material : 500ml culture. Total DNA yield : upto 500µg	MB510-10PR MB510-25PR	10pr* 25pr*
HiPurA™ 96 Plasmid DNA Purification Kit Principle : Column Based Sample material : 1 - 2ml culture / well. Total DNA yield : upto 20µg / well	MB518-1X96PR MB518-4X96PR MB518-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ Endotoxin free Plasmid DNA Miniprep Purification Kit Principle : Column Based Sample material : 1 - 5ml culture. Total DNA yield : upto 20µg	MB513-20PR MB513-50PR MB513-250PR	20pr* 50pr* 250pr*
HiPurA™ Endotoxin free Plasmid DNA Midiprep Purification Kit Principle : Column Based Sample material : 150ml culture. Total DNA yield : 25 - 100µg	MB514-10PR MB514-25PR	10pr* 25pr*
HiPurA™ Endotoxin free Plasmid DNA Maxiprep Purification Kit Principle : Column Based Sample material : 500ml culture. Total DNA yield : upto 500µg	MB515-10PR MB515-25PR	10pr* 25pr*
Yeast and Fungal DNA Kits		
HiPurA™ Yeast Genomic DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells.	MB552-20PR MB552-50PR MB552-250PR	20pr* 50pr* 250pr*
HiPurA™ 96 Yeast Genomic DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells / well.	MB555-1X96PR MB555-4X96PR MB555-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ Yeast Plasmid DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells.	MB550-20PR MB550-50PR MB550-250PR	20pr* 50pr* 250pr*
HiPurA™ Fungal DNA Purification Kit Sample Processing : By Liquid Nitrogen Principle : Column Based Sample material : 100 - 150mg fungal sample. Total DNA yield : 2- 30µg	MB543-20PR MB543-50PR MB543-250PR	20pr* 50pr* 250pr*

Product	Code	Packing
HiPurA™ HP Fungal DNA Purification Kit (following bead beating method) New Sample Processing : By Bead Beating Principle : Column Based Sample material : 300mg fungal sample.	MB576-10PR MB576-50PR MB576-250PR	10pr* 50pr* 250pr*

Data representing Mucor sps. DNA Extraction from HP Fungal DNA Purification kit by Bead Beating



Lanes
1, 2
Sample
Mucor sps.

Environmental Sample DNA Kits		
HiPurA™ Soil DNA Purification Kit Principle : Column Based Sample material : 250 - 500mg soil. Total DNA yield : upto 20µg	MB542-20PR MB542-50PR MB542-250PR	20pr* 50pr* 250pr*
HiPurA™ Water DNA Purification Kit (with enrichment) Principle : Column Based Sample material : 10 -15ml water. See Page No. 570	MB547-20PR MB547-50PR MB547-250PR	20pr* 50pr* 250pr*
HiPurA™ Water DNA Purification Kit (without enrichment) New Principle : Column Based Sample material : 1ltr. water. See Page No. 570	MB577-20PR MB577-50PR MB577-250PR	20pr* 50pr* 250pr*
Mammalian DNA Kits		
HiPurA™ Mammalian Genomic DNA Purification Kit Principle : Column Based Sample material : 10 ⁶ cells & 30mg tissue. Total DNA yield : upto 30 - 45µg	MB506-20PR MB506-50PR MB506-250PR	20pr* 50pr* 250pr*
HiPurA™ Sperm Genomic DNA Purification Kit Principle : Column Based Sample material : 100 - 200µl semen sample.	MB522-20PR MB522-50PR MB522-250PR	20pr* 50pr* 250pr*

Forensic Sample DNA Kits (See Page No. 562)		
HiPurA™ Forensic Sample Genomic DNA Purification Kit Principle : Column Based Sample material : 0.5 - 2.5cm pieces of cigarette butt, hair, nail clipping. Total DNA yield : 2-15µg	MB524-20PR MB524-50PR MB524-250PR	20pr* 50pr* 250pr*
HiPurA™ Bone DNA Purification Kit Principle : Solution Based Sample material : 500mg bone sample.	MB525-10PR MB525-20PR	10pr* 20pr*
HiPurA™ Buccal DNA Purification Kit Principle : Column Based Sample material : Buccal sample / gargled sample. Total DNA yield : 0.5 - 3.5µg	MB531-20PR MB531-50PR MB531-250PR	20pr* 50pr* 250pr*

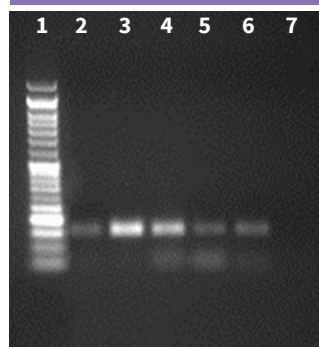
Product	Code	Packing
Agarose Gel DNA and PCR Product Purification Kits		
HiPurA™ Silica Kit for DNA Isolation Principle : Solution Based Sample material : upto 400mg gel with DNA. Total DNA yield : 70 - 80% DNA recovery	MB503-400PR	400pr*
HiPurA™ Quick Gel Purification Kit Principle : Column Based Sample material : upto 400mg gel with DNA. Total DNA yield : 80 - 90% DNA recovery	MB539-20PR MB539-50PR MB539-250PR	20pr* 50pr* 250pr*
HiPurA™ PCR Product Purification Kit Principle : Column Based Sample material : 25 - 100µl PCR product. Total DNA yield : 80 - 95% DNA recovery	MB512-20PR MB512-50PR MB512-250PR	20pr* 50pr* 250pr*
HiPurA™ 96 PCR Product Purification Kit Principle : Column Based Sample material : 25 - 100µl PCR product. Total DNA yield : 80 - 95% DNA recovery	MB519-1X96PR MB519-4X96PR MB519-12X96PR	1X96pr* 4X96pr* 12X96pr*
HiPurA™ PCR Product and Gel Purification Combo Kit Principle : Column Based Sample material : 25 - 100µl PCR product & upto 400mg gel with DNA. Total DNA yield : 70 - 95% DNA recovery	MB563-20PR MB563-50PR MB563-250PR	20pr* 50pr* 250pr*

Food DNA Kits (See Page No. 567)		
HiPurA™ Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample.	MB562-20PR MB562-50PR MB562-250PR	20pr* 50pr* 250pr*
HiPurA™ Food Pathogen DNA Purification Kit (Salmonella) [Provided with culture media] This kit is provided with culture media for enrichment of food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample	MB568-10PR MB568-25PR	10pr* 25pr*
HiPurA™ Food Pathogen (Bacteria) DNA Purification Kit This kit is used for extraction of Bacterial DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample	MB568A-10PR MB568A-25PR	10pr* 25pr*

Kits for Various Applications		
HiPurA™ Multi-Sample DNA Purification Kit Principle : Column Based Sample material : Blood, bacteria, animal tissue & cells. Total DNA yield : 4 - 12µg Blood DNA, upto 20µg Bacterial DNA, 10 - 45µg cells / tissue DNA	MB554-20PR MB554-50PR MB554-250PR	20pr* 50pr* 250pr*
HiPurA™ Insect DNA Purification Kit Principle : Column Based Sample material : 50mg tissue. Total DNA yield : 5 -15µg	MB529-20PR MB529-50PR MB529-250PR	20pr* 50pr* 250pr*
HiPurA™ Stool DNA Purification Kit Principle : Column Based Sample material : 250mg stool sample. Total DNA yield : upto 10µg	MB544-20PR MB544-50PR MB544-250PR	20pr* 50pr* 250pr*

Product	Code	Packing
RDP Trio™ Reagent Principle : Solution Based Sample material : 50 -100mg tissue, 1 x 10 ⁷ cells.	MB566-100ML MB566-5X100ML	100ml 5X100ml
HiPurA™ Paraffin-Embedded Tissue DNA Purification Kit Principle : Column Based Sample material : 25mg paraffin-embedded tissue. Total DNA yield : 5 - 30µg	MB530-20PR MB530-50PR MB530-250PR	20pr* 50pr* 250pr*
HiPurA™ Spice DNA Purification Kit Principle : Column Based Sample material : Maximum 200mg dry weight.	MB567-50PR	50pr*
HiPurA™ White Spot Syndrome Virus (WSSV) DNA Purification Kit Principle : Solution Based Sample material : 100mg infected tissue sample. See Page No. 569	MB572-20PR MB572-50PR MB572-250PR	20pr* 50pr* 250pr*
HiPurA™ Urine DNA Purification Kit New Principle : Column Based Sample material : 1ml urine sample.	MB573-20PR MB573-50PR MB573-250PR	20pr* 50pr* 250pr*

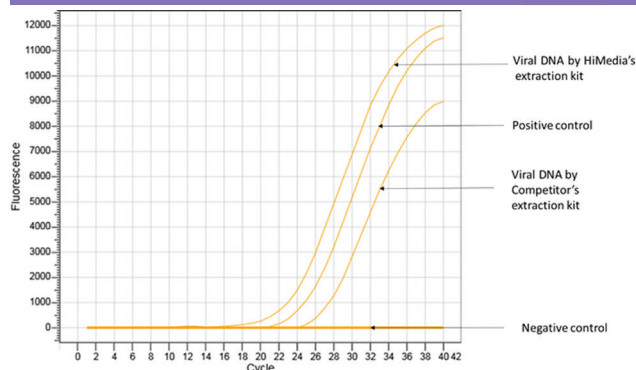
Data for MB573-HiPurA™ Urine DNA Purification Kit



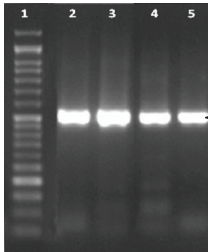
Lane 1: 50 bp Ladder
Lane 2: Positive control
Lane 3-4 : Urine sample 1
Lane 5-6: Urine sample 2
Lane 7: Negative control

HiPurA™ Viral DNA Purification Kit New Principle : Column Based Sample material : 200µl plasma or serum sample	MB575-20PR MB575-50PR MB575-250PR	20pr* 50pr* 250pr*
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Real Time PCR Data for MB575-HiPurA™ Viral DNA Purification Kit



Sample	Ct
Viral DNA by HiMedia extraction kit	16.21
Viral DNA by Competitor extraction kit	23.78
Positive control	21.50

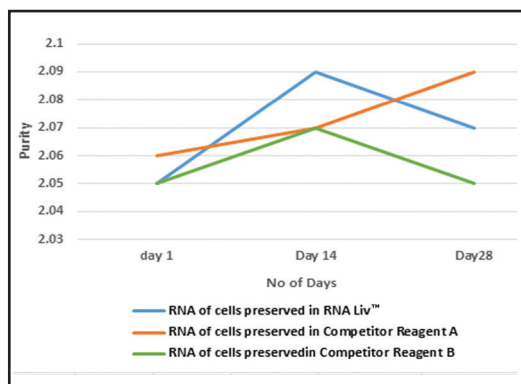
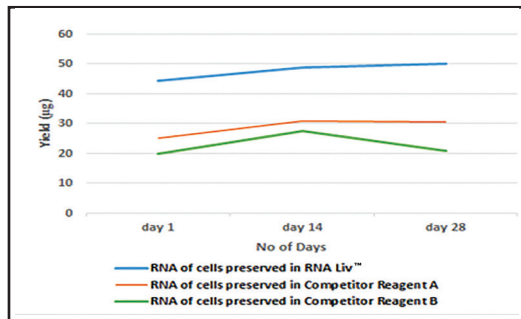
Product	Code	Packing	Product	Code	Packing
RNA Isolation Kits					
RNA-XPress™ Reagent Principle : Solution Based Sample material : 50 -100mg tissue or upto 10 ⁷ bacterial, animal, plant or yeast cells. Total RNA yield : 1 - 10µg tissue RNA 3 -15µg cultured cells	MB601-100ML MB601-5X100ML	100ml 5X100ml	HiPurA™ Bacterial RNA Purification Kit Principle : Column Based Sample material : upto 10 ⁷ bacterial cells. Total RNA yield : upto 40µg	MB613-20PR MB613-50PR MB613-250PR	20pr* 50pr* 250pr*
HiPurA™ Total RNA Miniprep Purification Kit Principle : Column Based Sample material : 10 ⁷ cells, 15 - 30mg animal tissue. Total RNA yield : upto 100µg	MB602-20PR MB602-50PR MB602-250PR	20pr* 50pr* 250pr*	HiPurA™ Viral RNA Purification Kit Principle : Column Based Sample material : upto 200µl cell free extract / serum, upto 30mg tissue	MB615-20PR MB615-50PR MB615-250PR	20pr* 50pr* 250pr*
Comparative PCR data of Dengue viral RNA purified from human tissue sample using HiMedia's HiPurA™ Viral RNA Purification Kit					
 Lanes 1 2,3 4,5 Sample 50 bp Ladder HiMedia Competitor					
HiPurA™ Plant and Fungal RNA Miniprep Purification Kit Principle : Column Based Sample material : 100mg plant tissue. Total RNA yield : 15 - 65µg	MB603-20PR MB603-50PR MB603-250PR	20pr* 50pr* 250pr*	HiPurA™ All Blood RNA Purification Kit Principle : Column Based Sample material : upto 1.5ml fresh whole blood.	MB617-20PR MB617-50PR	20pr* 50pr*
HiPurA™ Yeast RNA Purification Kit Principle : Column Based Sample material : upto 30 million cells. Total RNA yield : upto 90µg	MB611-20PR MB611-50PR MB611-250PR	20pr* 50pr* 250pr*			
HiPurA™ 96 Total RNA Purification Kit Principle : Column Based Sample material : cultured cells or homogenised tissue sample	MB612-1X96PR MB612-4X96PR MB612-12X96PR	1X96pr* 4X96pr* 12X96pr*			

Molecular Biology Buffers and Reagents for DNA/RNA Isolation

RNase A Solution (20 mg/ml) On receipt store at 2-8° C	DS0003-2ML DS0003-5ML DS0003-15ML	2ml 5ml 15ml	PCR Binding Solution (SPB)	DS0027-12ML DS0027-30ML DS0027-150ML	12ml 30ml 150ml
Proteinase K Solution (20 mg/ml) On receipt store at -20°C	DS0013-1ML DS0013-5ML	1ml 5ml	Wash Solution (HPB)	DS0032-250ML DS0032-500ML	250ml 500ml
Lysis Solution (C1)	DS0010-200ML	200ml	Elution Buffer (ET) (10 mM Tris-Cl, pH 8.5)	DS0040-250ML DS0040-500ML	250ml 500ml
Prewash Solution Concentrate (PW)	DS0011-400ML	400ml	Gel Bind Buffer (HG) New	DS0023-250ML	250ml
Wash Solution Concentrate (WS)	DS0012-250ML	250ml	10X RBC Lysis Buffer On receipt store at 2-8°C	R075-100ML R075-500ML	100ml 500ml
Lysis Solution (AL)	DS0015-200ML	200ml	CTAB Extraction Solution	ML066-250ML	250ml
Resuspension Solution (HP1)	DS0020-250ML DS0020-500ML	250ml 500ml	DNase I Solution (1mg/ml) On receipt store at -20°C	ML068-1ML	1ml
Lysis Solution (HP2)	DS0021-250ML DS0021-500ML	250ml 500ml	5M Ammonium acetate New For precipitation of Nucleic acids	ML180-100ML ML180-500ML	100ml 500ml
RNA Lysis Solution (HRL)	DS0037-200ML	200ml			
Neutralization Solution (HN3)	DS0022-250ML DS0022-500ML	250ml 500ml			
Wash Solution Concentrate (HPE)	DS0024-125ML DS0024-250ML	125ml 250ml			

Product	Code	Packing
RNA Liv™ Used for stabilization of RNA in tissue samples	ML161-100ML ML161-250ML	100ml 250ml

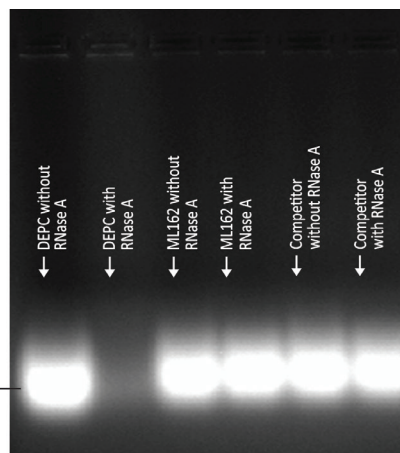
Comparative data of RNA, extracted from animal cells, preserved in RNA Liv™ (ML161) at room temperature for one week



Yield of RNA from Animal cells

Purity of RNA from Animal cells

Product	Code	Packing
RNase Kil™ Used for removal of RNase contamination from glass, plastic, cleaning of working areas and equipment.	ML162-250ML	250ml



Data for ML162 (RNase Kil™)

SICKLE CELL ANEMIA SCREENING & CONFIRMATION

Refer Page 583



← MBP006 Hi-Super Speed Sickle Kit

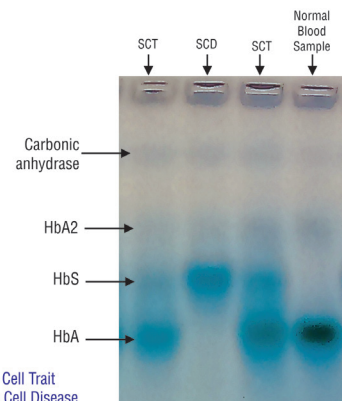
Step 1 - Ready to Use Screening Kit. Stable at 45°C



MBP008 →

Alkaline Hemoglobin Electrophoresis Kit
Step 2 - High throughput Alkaline Hb Electrophoresis Confirmatory Test

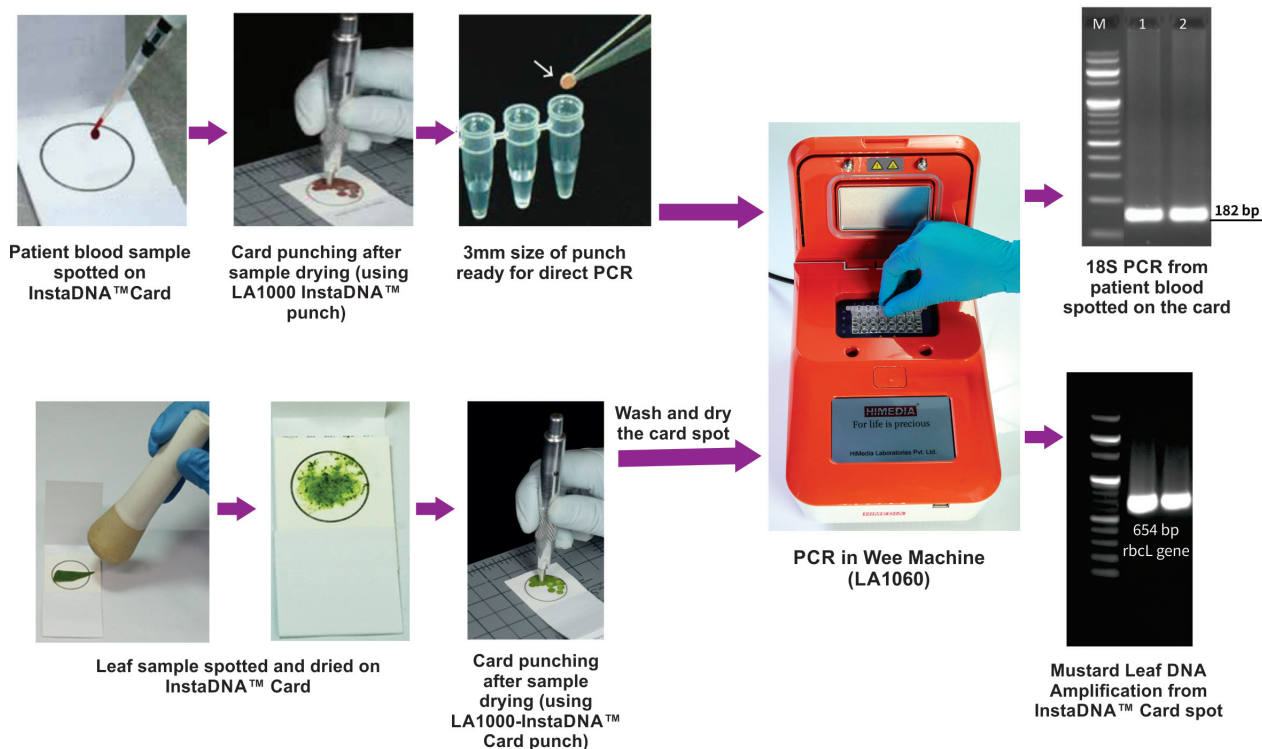
- High Sensitivity
- Ultra Rapid Staining : 15 mins
- No Destaining Required



SCT - Sickle Cell Trait
SCD - Sickle Cell Disease

Product	Code	Packing	Product	Code	Packing
InstaDNA™ Extraction (See Page No. 562)					
InstaDNA™ Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Card, Reagents for processing card spot, Reagents for DNA elution from card spot.	MBT109-25NO MBT109-100NO	25nos 100nos	InstaDNA™ Kit for collection of Avian samples for DNA New Kit includes components required for Avian sample collection and transportation in the field Kit contents : InstaDNA™ card, Tissue storage buffers, Sterilizing reagent, Swabs, Forceps, Scissors, Droppers and Gloves.	MBT125-25NO	25nos
InstaDNA™ Cards (See Page No. 562)					
InstaDNA™ card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.	MBT126-25NO MBT126-100NO	25nos 100nos	InstaDNA™ Twin Card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection	MBT137-25NO MBT137-100NO	25nos 100nos
					
			InstaDNA™ Quadricard • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection	MBT121-25NO MBT121-100NO	25nos 100nos
					

Extraction Free PCR using InstaDNA™ Kit



Product

Code

Packing

Product

Code

Packing

Commonly Used Molecular Biological Buffers

6M Guanidine HCl	ML001-100ML ML001-500ML	100ml 500ml
8M Guanidine HCl	ML002-100ML ML002-500ML	100ml 500ml
6M Guanidine thiocyanate	ML003-100ML ML003-500ML	100ml 500ml
3M Sodium acetate, pH 5.2-5.4 Used in DNA precipitation	ML009-100ML ML009-500ML	100ml 500ml
5M Sodium chloride	ML008-100ML ML008-500ML	100ml 500ml
10M Sodium hydroxide	ML166-100ML ML166-500ML	100ml 500ml
5M Sodium hydroxide	ML026-100ML ML026-500ML	100ml 500ml
0.15M Sodium hydroxide	ML107- 10X500ML	10X500ml
0.3M Sodium hydroxide	ML154- 10X500ML	10X500ml
1M Calcium chloride Solution	ML094-100ML	100ml
1M Magnesium chloride Solution	ML115-100ML ML115-500ML	100ml 500ml
Potassium acetate buffer 3M with respect to potassium, 5M with respect to acetate pH 5.5-5.7	ML006-100ML ML006-500ML	100ml 500ml
1M Potassium acetate, pH 7.5	ML117-100ML ML117-500ML	100ml 500ml
5M Potassium acetate, pH 7.5-9.0	ML005-100ML ML005-500ML	100ml 500ml
5M Potassium hydroxide	ML004-100ML ML004-500ML	100ml 500ml
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-5X100ML ML023-2X500ML ML023-6X500ML	5X100ml 2X500ml 6X500ml
10X PBS (Endotoxin Free) Phosphate Buffered Saline	ML164-5X100ML ML164-2X500ML ML164-6X500ML	5X100ml 2X500ml 6X500ml
1X PBS Solution Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml
100X TE Buffer Used for solubilization of DNA at 1X concentration	ML165-100ML ML165-500ML	100ml 500ml
50X TE Buffer Used for solubilization of DNA at 1X concentration	ML125-100ML ML125-500ML	100ml 500ml

10X TE Buffer, pH 8.0 Used for solubilization of DNA at 1X concentration	ML012-100ML ML012-500ML	100ml 500ml
1X TE Buffer, pH 8.0 Used for solubilization of DNA	ML060-100ML ML060-500ML	100ml 500ml
0.5M EDTA, pH 8.0	ML014-100ML ML014-500ML ML014-2X500ML	100ml 500ml 2X500ml
1M HEPES, pH 7.3	ML114-100ML ML114-500ML	100ml 500ml
20% SDS	ML007-100ML ML007-500ML	100ml 500ml
1M Tris-Cl, pH 6.4	ML054-100ML ML054-500ML	100ml 500ml
1M Tris-Cl, pH 7.0	ML090-100ML ML090-500ML	100ml 500ml
1M Tris-Cl, pH 7.2	ML027-100ML ML027-500ML	100ml 500ml
1M Tris-Cl, pH 7.4	ML028-100ML ML028-500ML	100ml 500ml
1M Tris-Cl, pH 7.6	ML110-100ML	100ml
1M Tris-Cl, pH 7.8	ML111-100ML	100ml
1M Tris-Cl, pH 8.0	ML013-100ML ML013-500ML	100ml 500ml
1M Tris-Cl, pH 8.2	ML156-100ML ML156-500ML	100ml 500ml
1M Tris-Cl, pH 8.5 New	ML152-100ML ML152-500ML	100ml 500ml
1M Tris-Cl Stock Solutions (6 packs, 100ML each) A pack of 1M Tris-Cl Solutions of pH 7.0, 7.2, 7.4, 7.6, 7.8 and 8.0	ML108-1PK	1pk
1M Tris-Cl Stock Solutions (6 Packs, 1L each) A pack of 1M Tris-Cl Solutions of pH 7.0, 7.2, 7.4, 7.6, 7.8 and 8.0	ML109-1PK	1pk
0.5M Tris Buffer (Endotoxin free) New	ML179-100ML ML179-500ML	100ml 500ml
0.3M Tris Buffer	ML126-100ML ML126-500ML	100ml 500ml
10X Tris EDTA, pH 9.0 Used for heat induced epitope recovery Store at 2-8°C	ML087-500ML	500ml
1X Tris-EDTA, pH 7.0	ML118-100ML ML118-500ML	100ml 500ml

MB

Product	Code	Packing
10X Citrate Buffer, pH 6.1 Used for heat induced epitope recovery Store at 2-8°C	ML089-500ML	500ml
0.1M Citrate Buffer, pH 4.8 Store at 2-8°C	ML172-500ML	500ml
2X BBS Solution Borate Buffered Saline	ML093-500ML ML093-1L	500ml 1lt
STET Buffer Mixture of Sodium chloride, Tris-Cl, EDTA and Triton® X- 100	ML098-500ML	500ml
ACD Solution A (Acid Citrate Dextrose Solution A) Used as anti-coagulant to preserve blood samples	ML099-25ML	25ml
ACD Solution B (Acid Citrate Dextrose Solution B) Used as anti-coagulant to preserve blood samples	ML100-25ML	25ml
1M MES Solution [2-(N-Morpholino) ethanesulfonic acid]	ML101-100ML ML101-500ML	100ml 500ml
1M MOPS Solution [3-(N-Morpholino) propanesulfonic acid]	ML102-100ML ML102-500ML	100ml 500ml
0.2M MOPS, pH 7.0 [3-(N-Morpholino) propanesulfonic acid]	ML031-100ML ML031-500ML	100ml 500ml
SM Buffer (Mixture of Sodium chloride, Magnesium sulphate and Gelatin) Used as phage diluent and storage buffer	ML103-100ML ML103-500ML	100ml 500ml
1M Sorbitol Solution Store at 2-8°C	ML104-100ML	100ml
TNT Buffer (Mixture of Tris-Cl, Sodium chloride and Tween®-20)	ML105-100ML ML105-500ML	100ml 500ml

Product	Code	Packing
Propidium iodide Solution (1mg/ml) Store at 2-8°C Used as nuclear counter stain	ML067-10ML	10ml
Buffer solution pH 4.0 (±0.02) Store at 2-8°C	ML061-500ML	500ml
Buffer solution pH 7.0 (±0.02) Store at 2-8°C	ML062-500ML	500ml
Buffer solution pH 9.2 (±0.02) Store at 2-8°C	ML063-500ML	500ml
Molecular Biology Grade Water (DEPC-treated, Nuclease and Protease free)	ML024-500ML ML024-10X100ML ML024-10X500ML	500ml 10X100ml 10X500ml
Molecular Biology Grade Water (Nuclease & Protease free)	ML064-500ML ML064-10X100ML ML064-10X500ML	500ml 10X100ml 10X500ml
Molecular Biology Grade Water for PCR (Nuclease & Protease free) Store at -20°C	ML065-1.5ML ML065-10X1.5ML	1.5ml 10X1.5ml
0.2M Potassium dihydrogen phosphate	ML171-100ML ML171-500ML	100ml 500ml
Sodium bicarbonate solution, 7.5% (W/V)	ML170-100ML	100ml
1M Tricine	New ML181-100ML ML181-500ML	100ml 500ml
0.5M CAPS, pH 10.5	New ML182-100ML ML182-500ML	100ml 500ml
10X TBS and many more buffers refer to page no. 580	ML029-5X100ML ML029-2X500ML ML029-6X500ML	5x100ml 2x500ml 6x500ml

Simplify Your Forensic Applications Refer Page No. 562

InstaDNA™ Cards



InstaDNA™
Quadricard (MBT121)



InstaDNA™ Card (MBT126)

Forensic Buffers & Extraction Kits

ML127 - Stain Extraction Buffer

ML128 - Forensic Buffer

MB524 - HiPurA™ Forensic Sample
Genomic DNA Purification Kit

MB525 - HiPurA™ Bone DNA Purification Kit

MB531 - HiPurA™ Buccal DNA Purification Kit

& many more



PCR Thermal Cylers

Wee 32™
(LA1060)

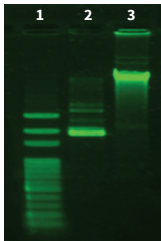
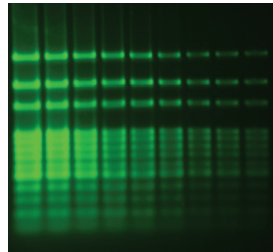


Insta Q96™
(LA1012)



Prima TRIO™
(LA1006)



Product	Code	Packing	Product	Code	Packing
Buffers/Kits for Nucleic Acid Electrophoresis					
10X TAE Used for gel electrophoresis after dilution to working concentration	ML010-100ML ML010-500ML ML010-2X500ML	100ml 500ml 2X500ml	6X Orange Gel Loading Buffer Store at -20°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML092-5X1ML	5X1ml
50X TAE Used for gel electrophoresis after dilution to working concentration	ML016-100ML ML016-500ML ML016-2X500ML	100ml 500ml 2X500ml	5X Sucrose Gel Loading Dye Store at -20°C Sucrose based gel loading buffer for DNA gels with two tracking dyes	ML112-1ML ML112-5ML	1ml 5ml
10X TBE Used for gel electrophoresis after dilution to working concentration	ML011-100ML ML011-500ML ML011-2X500ML	100ml 500ml 2X500ml	5X RNA Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for RNA gels with two tracking dyes	ML048-4X0.25ML	4X0.25ml
20X TBE Used for gel electrophoresis after dilution to working concentration	ML022-100ML ML022-500ML	100ml 500ml	10X MOPS Electrophoresis Buffer Used for RNA gel electrophoresis after dilution to working concentration	ML050-2X500ML ML050-4X500ML	2X500ml 4X500ml
50X TBE (Supplied as concentrate gel tablet) Used for electrophoresis after dilution to working concentration	ML017-100ML ML017-500ML ML017-2X500ML	100ml 500ml 2X500ml	Hi-SYBr Safe Gel Stain (10,000X in DMSO) Store at -20°C Used in staining of DNA / RNA gels [Note : Recommended to load with DNA & for Post run staining]	ML053-100µl ML053-500µl	100µl 500µl
6X Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML015-6X1ML	6X1ml	 Representative data of Gel stained post electrophoresis using ML053 (Lane1: Marker, Lane 2: plasmid DNA, Lane 3: Genomic DNA)  Sensitivity: Capable of detecting double stranded DNA (dsDNA) fragments up to 0.1 ng in electrophoresis analysis		
5X TD Solution Store at 2-8°C Ficoll based gel loading buffer for DNA gels with two tracking dyes	ML019-6X1ML	6X1ml			
10X Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML025-5X0.5ML	5X0.5ml			
5X Gel Loading Buffer Store at -20°C Glycerol based gel loading buffer for DNA gels with three tracking dyes	ML086-6X1ML	6X1ml			
			Agarose Gel Electrophoresis Kit Contents : Agarose, 50X TAE buffer, Ethidium bromide, Loading buffer	MB570-10PR	10pr*

Pre-Poured™ Gel (Ready to Use Agarose Gels with Ethidium bromide for Electrophoresis)

Pre-Poured™ Gel-666-28-1 (Conc : 1%) (with Ethidium bromide)	MBRPG001-5NO	5no
Pre-Poured™ Gel-666-28-2 (Conc : 2%) (with Ethidium bromide)	MBRPG002-5NO	5no
Pre-Poured™ Gel-665-12-1 (Conc : 1%) (with Ethidium bromide)	MBRPG005-5NO	5no
Pre-Poured™ Gel-665-12-2 (Conc : 2%) (with Ethidium bromide)	MBRPG006-5NO	5no



Pre-Poured™ Gel-665-12-1 (Conc : 1%) (with Ethidium bromide) (MBRPG005)

Product

Code

Packing

Product

Code

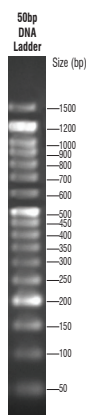
Packing

Reagents for Southern & Northern Blotting

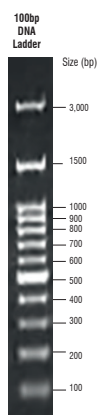
20X SSC Saline Sodium Citrate Used in Southern Hybridization and Northern hybridization	ML030-500ML	500ml
	ML030-2X500ML	2X500ml
Alkaline Transfer Buffer Used in Southern Hybridization	ML032-100ML	100ml
	ML032-500ML	500ml
Denaturation Solution Used in Southern Hybridization	ML033-100ML	100ml
	ML033-500ML	500ml
Neutralization Buffer A (for transfer to uncharged membranes) Used in Southern Hybridization	ML034-100ML	100ml
	ML034-500ML	500ml
Neutralization Buffer B (for transfer to nylon membranes) Used in Southern Hybridization	ML035-100ML	100ml
	ML035-500ML	500ml
20X SSPE Buffer, pH 7.4 (Saline Sodium Phosphate EDTA buffer) Used in Southern Hybridization	ML055-200ML	200ml
	ML055-1L	1lt
Denhardt's Solution (100X) Used as a blocking reagent during Northern or southern hybridization Store at -20°C	ML095-50ML	50ml

DNA Ladders

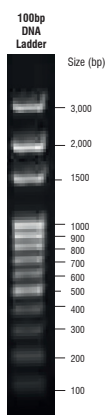
#50bp DNA Ladder The ladder consists of 17 DNA fragments ranging in size from 50bp to 1500bp. Supplied premixed with loading buffer and is ready to use. Recommended load: 3 µl/lane Concentration : 112 µg/ml	MBT084-50LN	50ln* (150µl)
	MBT084-200LN	200ln* (4x150µl)
#100bp DNA Ladder The 100bp DNA ladder consists of 13 fragments ranging from 100bp to 3000bp in increments. Supplied premixed with loading buffer and is ready to use. Recommended load: 2 µl/lane Concentration : 0.1 µg/µl	MBT049-50LN	50ln* (100µl)
	MBT049-200LN	200ln* (4x100µl)
#100bp DNA Ladder M The 100bp DNA ladder M consists of 12 fragments ranging from 100bp to 3000bp in increments. The 500 & 1500bp bands have increased intensity. Supplied premixed with loading buffer and is ready to use. Recommended load: 3 µl/lane Concentration : 108 µg/ml	MBT130-50LN	50ln* (150µl)
	MBT130-200LN	200ln* (4x150µl)
#1kb DNA Ladder The 1kb DNA ladder consists of 11 blunt-ended DNA fragments ranging from 500bp to 10kb in increments. Supplied premixed with loading buffer and is ready to use. Recommended load: 3 µl/lane Concentration : 0.1 µg/µl	MBT051-50LN	50ln* (150µl)
	MBT051-200LN	200ln* (4x150µl)
#High Range DNA Ladder The High Range DNA Ladder includes 14 fragments ranging from 250bp-25kb. The 1kb and 3kb bands have increased intensity to serve as reference points. Supplied premixed with loading buffer and is ready to use. Recommended load: 3 µl/lane Concentration : 104 µg/ml	MBT090-50LN	50ln* (150µl)
	MBT090-200LN	200ln* (4x150µl)



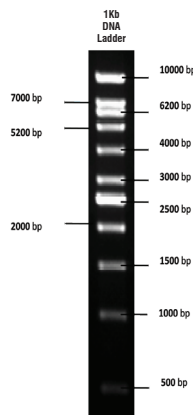
MBT084



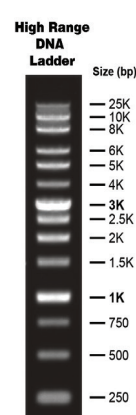
MBT130



MBT049



MBT051

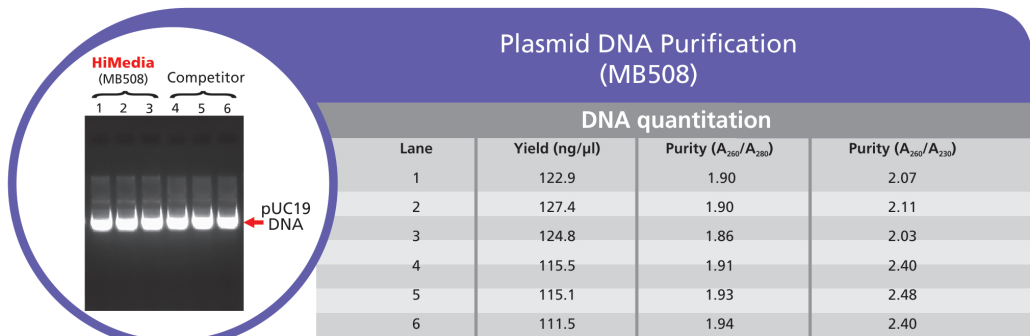
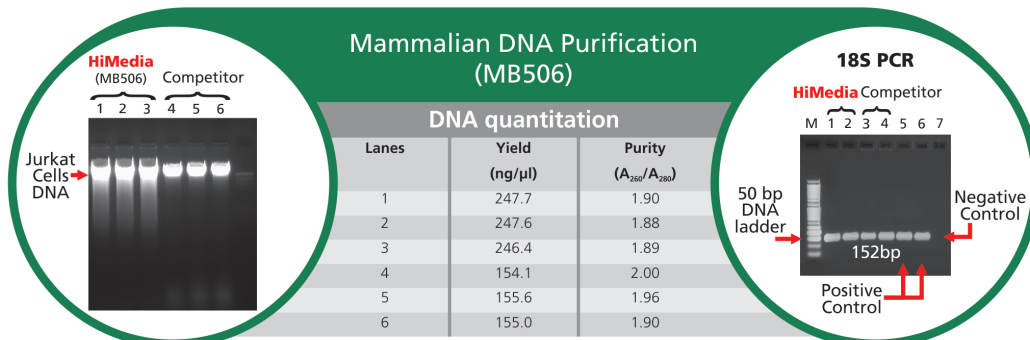
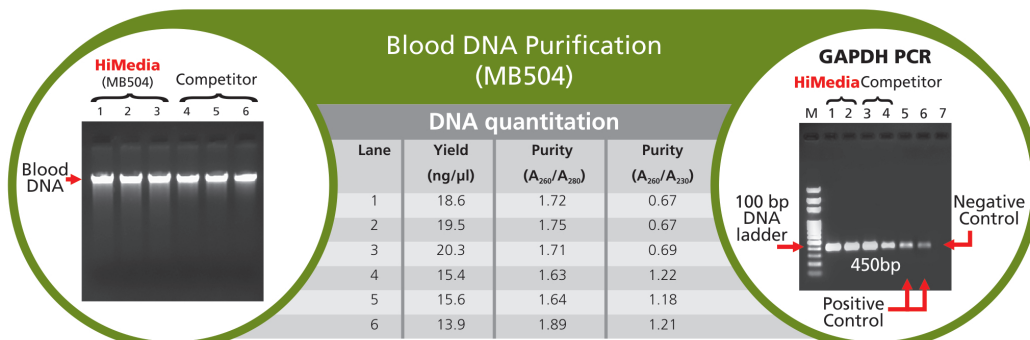
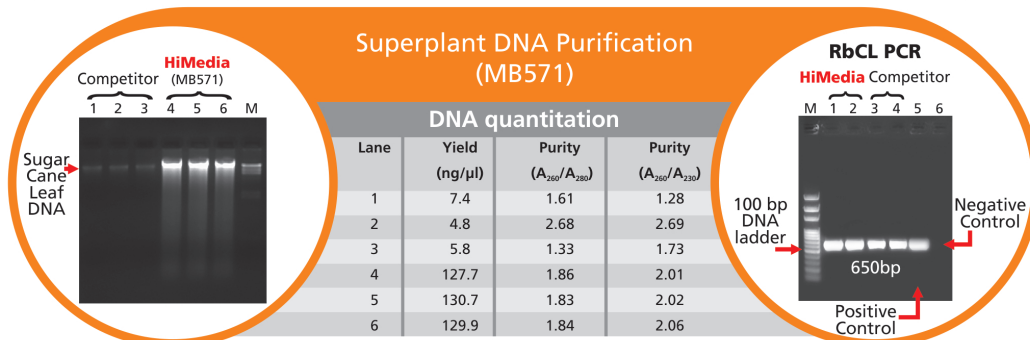


MBT090



Extraction

PCR Refer Page 551-552



Product

Code

Packing

Product

Code

Packing

Products For Forensic Applications

Nucleic Acid Purification Kits

HiPurA™ Forensic Sample Genomic DNA Purification Kit	MB524-20PR	20pr*
	MB524-50PR	50pr*
	MB524-250PR	250pr*

Principle : Column Based
 Sample material : 0.5 - 2.5cm pieces of cigarette butt, hair, nail clipping.
 Total DNA yield : 2-15µg
 See Page No. 552

HiPurA™ Bone DNA Purification Kit	MB525-10PR	10pr*
	MB525-20PR	20pr*

Principle : Solution Based
 Sample material : 500mg bone sample.
 See Page No. 552

HiPurA™ Buccal DNA Purification Kit	MB531-20PR	20pr*
	MB531-50PR	50pr*
	MB531-250PR	250pr*

Principle : Column Based
 Sample material : Buccal sample / gargled sample.
 Total DNA yield : 0.5 - 3.5µg
 See Page No. 552

HiPurA™ Blood Genomic DNA Miniprep Purification Kit	MB504-20PR	20pr*
	MB504-50PR	50pr*
	MB504-250PR	250pr*

Principle : Column Based
 Sample material : 200µl whole blood.
 Total DNA yield : 4 - 12µg
 See Page No. 551

HiPurA™ Multi-Sample DNA Purification Kit	MB554-20PR	20pr*
	MB554-50PR	50pr*
	MB554-250PR	250pr*

Principle : Column Based
 Sample material : Blood, bacteria, animal tissue & cells.
 Total DNA yield : 4 - 12µg Blood DNA, upto 20µg Bacterial DNA, 10 - 45µg cells / tissue DNA
 See Page No. 553

HiPurA™ Soil DNA Purification Kit	MB542-20PR	20pr*
	MB542-50PR	50pr*
	MB542-250PR	250pr*

Principle : Column Based
 Sample material : 250 - 500mg soil.
 Total DNA yield : upto 20µg
 See Page No. 552

HiPurA™ Sperm Genomic DNA Purification Kit	MB522-20PR	20pr*
	MB522-50PR	50pr*
	MB522-250PR	250pr*

Principle : Column Based
 Sample material : 100 - 200µl semen sample.
 See Page No. 552

HiPurA™ Urine DNA Purification Kit New	MB573-20PR	20pr*
	MB573-50PR	50pr*
	MB573-250PR	250pr*

Principle : Column Based
 Sample material : 1ml urine sample.
 See Page No. 553

HiPurA™ Stool DNA Purification Kit	MB544-20PR	20pr*
	MB544-50PR	50pr*
	MB544-250PR	250pr*

Principle : Column Based
 Sample material : 250mg stool sample.
 Total DNA yield : upto 10µg
 See Page No. 553

InstaDNA™ Cards/Kit (See Page No. 556)

InstaDNA™ card	MBT126-25NO	25nos
• Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.	MBT126-100NO	100nos

InstaDNA™ Twin Card	MBT137-25NO	25nos
• Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.	MBT137-100NO	100nos

• Allows multiple sample collection

InstaDNA™ Quadricard	MBT121-25NO	25nos
• Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.	MBT121-100NO	100nos

• Allows multiple sample collection

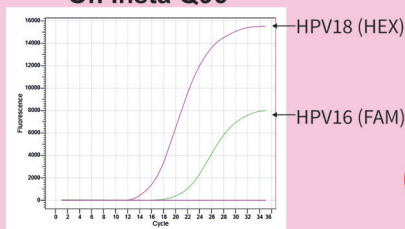
InstaDNA™ Kit	MBT109-25NO	25nos
InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Card, Reagents for processing card spot, Reagents for DNA elution from card spot.	MBT109-100NO	100nos

Forensic Buffers

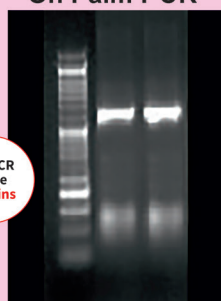
Stain Extraction Buffer	ML127-500ML	500ml
Used to extract DNA from forensic samples	ML127-2X500ML	2X500ml
Forensic Buffer	ML128-500ML	500ml
Used to extract DNA from forensic samples		

Sensitivity Like Never Seen Before

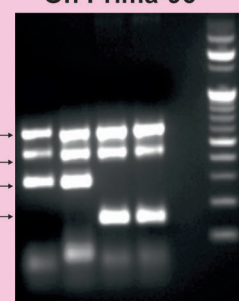
Refer Page No. 564-567

HPV Detection
On Insta Q96™

Sample	Ct value
HPV-16	17.85
HPV-18	12.00

Dengue Detection
On Palm PCR™

One step RT-PCR

MRSA Detection
On Prima-96™

Nucleic Acid Amplification

PCR KITS FOR DIAGNOSTIC APPLICATIONS

Kits For

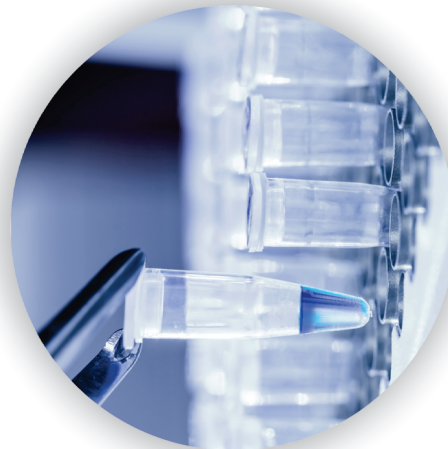
- * Clinical Diagnostics
- * Food Diagnostics
- * GMO Detection
- * Water & Beverage Diagnostics ^{new}
- * Veterinary Diagnostics ^{new}

REVERSE TRANSCRIPTION & PCR KITS FOR RESEARCH APPLICATIONS

- * Hi-PCR Kit
- * Multiplex PCR Kit
- * Hi-cDNA Synthesis Kit
- * HiScript Two Step RT-PCR Kit
- * HiScript One Step RT-PCR Kit
- * Hi-Quanti One Step RT-PCR Kit
- * Palm One Step RT-PCR Kit
- * Universal PCR Kits
- * Palm PCR™ Kit & Accessories

ENZYMES & REAGENTS FOR REVERSE TRANSCRIPTION & PCR

- * MMuLV & AMV Reverse Transcriptases
- * DNA Polymerases
- * dNTPs
- * PCR Enhancers
- * PCR Mastermixes
- * Positive Controls for PCR



Product

Code

Packing

Product

Code

Packing

Products for Nucleic Acid Amplification

PCR Kits For Diagnostic Applications

Clinical Diagnostics

 CE-IVD
 Certified Kits

Real-Time PCR Kits (Provided with Positive Control)



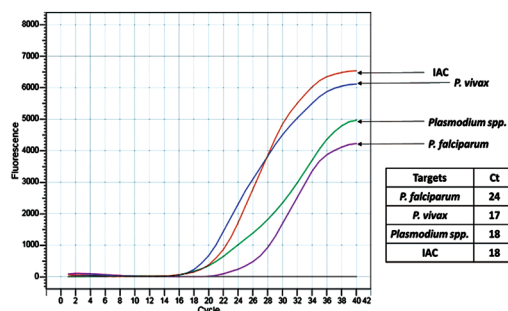
InstaQ™ 48M4 (LA1023)

Insta Q96™ (LA1012)

Probe Based Kits

Salmonella Detection Kit (Real-Time Probe Based PCR) See Page No. 567	MBPCR099-10R	10r#
	MBPCR099-25R	25r#
	MBPCR099-50R	50r#
Generic Dengue Detection Kit (One -Step Real-Time Probe Based PCR)	MBPCR101-10R	10r#
	MBPCR101-25R	25r#
	MBPCR101-50R	50r#
Human Papilloma Virus (HPV) Genotyping Kit (Multiplex) (Real-Time Probe Based PCR)	MBPCR105-10R	10r#
	MBPCR105-25R	25r#
	MBPCR105-50R	50r#
Mycobacterium tuberculosis Detection Kit (Real-Time Probe Based PCR)	MBPCR108-10R	10r#
	MBPCR108-25R	25r#
	MBPCR108-50R	50r#
Malaria Detection Kit (Real-Time Probe Based PCR)	MBPCR111-10R	10r#
	MBPCR111-25R	25r#
	MBPCR111-50R	50r#
Chikungunya Detection Kit (One Step Real-Time Probe Based PCR)	MBPCR112-10R	10r#
	MBPCR112-25R	25r#
	MBPCR112-50R	50r#
Plasmodium species Detection Kit (Multiplex) (Real-Time Probe Based PCR)	MBPCR135-10R	10r#
	MBPCR135-25R	25r#
	MBPCR135-50R	50r#

Plasmodium Species Detection by Multiplex Real Time Probe Based PCR (MBPCR135)



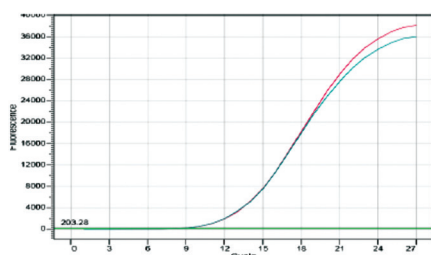
Legionella species Detection Kit (Real-Time Probe Based PCR)	MBPCR140-10R	10r#
	MBPCR140-25R	25r#
	MBPCR140-50R	50r#

SYBr Based Kits

Mycoplasma Detection Kit	MBPCR015-10R	10r#
	MBPCR015-25R	25r#
	MBPCR015-50R	50r#
Mycobacterium tuberculosis Detection Kit	MBPCR017-10R	10r#
	MBPCR017-25R	25r#
	MBPCR017-50R	50r#
E. coli O157:H7 Detection Kit	MBPCR023-10R	10r#
	MBPCR023-25R	25r#
	MBPCR023-50R	50r#
Salmonella Detection Kit See Page No. 570	MBPCR024-10R	10r#
	MBPCR024-25R	25r#
	MBPCR024-50R	50r#
Listeria monocytogenes Detection Kit	MBPCR025-10R	10r#
	MBPCR025-25R	25r#
	MBPCR025-50R	50r#
Campylobacter jejuni Detection Kit	MBPCR026-10R	10r#
	MBPCR026-25R	25r#
	MBPCR026-50R	50r#
Vibrio cholerae Detection Kit	MBPCR027-10R	10r#
	MBPCR027-25R	25r#
	MBPCR027-50R	50r#
Legionella pneumophila Detection Kit	MBPCR028-10R	10r#
	MBPCR028-25R	25r#
	MBPCR028-50R	50r#
Cronobacter sakazakii Detection Kit	MBPCR029-10R	10r#
	MBPCR029-25R	25r#
	MBPCR029-50R	50r#
Klebsiella pneumoniae Detection Kit	MBPCR057-10R	10r#
	MBPCR057-25R	25r#
	MBPCR057-50R	50r#
Pseudomonas aeruginosa Detection Kit	MBPCR058-10R	10r#
	MBPCR058-25R	25r#
	MBPCR058-50R	50r#
Generic E.coli Detection Kit	MBPCR059-10R	10r#
	MBPCR059-25R	25r#
	MBPCR059-50R	50r#
Candida albicans Detection Kit	MBPCR060-10R	10r#
	MBPCR060-25R	25r#
	MBPCR060-50R	50r#
Bacillus subtilis Detection Kit	MBPCR061-10R	10r#
	MBPCR061-25R	25r#
	MBPCR061-50R	50r#

Product	Code	Packing
Shigella spp. Detection Kit	MBPCR062-10R MBPCR062-25R MBPCR062-50R	10r# 25r# 50r#
Staphylococcus aureus Detection Kit	MBPCR064-10R MBPCR064-25R MBPCR064-50R	10r# 25r# 50r#
Acinetobacter baumannii Detection Kit	MBPCR065-10R MBPCR065-25R MBPCR065-50R	10r# 25r# 50r#
Chikungunya Detection Kit (One Step Real Time SYBr Based PCR) New	MBPCR083-10R MBPCR083-25R MBPCR083-50R	10r# 25r# 50r#

Chikungunya Detection by One Step Real Time SYBr Based PCR (MBPCR083)



Sample	C _t value
Negative control	N/A
Chikungunya positive sample	10.36 10.29

Malaria Detection Kit (Real-Time)	MBPCR092-10R MBPCR092-25R MBPCR092-50R	10r# 25r# 50r#
White Spot Syndrome Virus (WSSV) Detection Kit See Page No. 569	MBPCR093-10R MBPCR093-25R MBPCR093-50R	10r# 25r# 50r#
Generic Dengue Detection Kit (One-Step Real Time SYBr Based PCR)	MBPCR103-10R MBPCR103-25R MBPCR103-50R	10r# 25r# 50r#

Semi-Quantitative PCR Kits (Provided with Positive Control & Internal Control)



Wee 32™ (LA1060)



Prima-TRIO™ (LA1006)

For more information see Molecular Biology instruments section

Product	Code	Packing
Campylobacter jejuni Detection Kit	MBPCR001-10R MBPCR001-25R MBPCR001-50R	10r# 25r# 50r#
E. coli O157:H7 Detection Kit	MBPCR002-10R MBPCR002-25R MBPCR002-50R	10r# 25r# 50r#
Vibrio cholerae Detection Kit	MBPCR003-10R MBPCR003-25R MBPCR003-50R	10r# 25r# 50r#
Salmonella Detection Kit See Page No. 571	MBPCR004-10R MBPCR004-25R MBPCR004-50R	10r# 25r# 50r#
Listeria monocytogenes Detection Kit	MBPCR005-10R MBPCR005-25R MBPCR005-50R	10r# 25r# 50r#
Legionella pneumophila Detection Kit	MBPCR006-10R MBPCR006-25R MBPCR006-50R	10r# 25r# 50r#
Methicillin Resistant Staphylococcus aureus (MRSA) Detection Kit (Uniplex)	MBPCR008-10R MBPCR008-25R MBPCR008-50R	10r# 25r# 50r#
Mycobacterium tuberculosis Detection Kit	MBPCR009-10R MBPCR009-25R MBPCR009-50R	10r# 25r# 50r#
White Spot Syndrome Virus (WSSV) Detection Kit See Page No. 569	MBPCR013-10R MBPCR013-25R MBPCR013-50R	10r# 25r# 50r#
Beta-Thalassemia Detection Kit (Multiplex) This Multiplex kit is intended for specific and accurate detection of Beta-Thalassemia in Asian population. See Page No. 583	MBPCR014-10R MBPCR014-25R MBPCR014-50R	10r# 25r# 50r#
Beta-Thalassemia Detection Kit (Uniplex) This Uniplex kit is intended for specific and accurate detection of mutant and normal Beta-Thalassemia in Asian population. See Page No. 583	MBPCR014A-10R MBPCR014A-25R MBPCR014A-50R	10r# 25r# 50r#
Malaria Detection Kit (Multiplex) The kit is intended for specific detection of P. vivax & P. falciparum	MBPCR016-10R MBPCR016-25R MBPCR016-50R	10r# 25r# 50r#
Staphylococcus Cassette Chromosome (SCC) mec typing MRSA Detection Kit (Multiplex)	MBPCR019-10R MBPCR019-25R MBPCR019-50R	10r# 25r# 50r#
Methicillin Resistant Staphylococcus aureus (MRSA) Detection Kit (Multiplex)	MBPCR020-10R MBPCR020-25R MBPCR020-50R	10r# 25r# 50r#
Cronobacter sakazakii Detection Kit	MBPCR030-10R MBPCR030-25R MBPCR030-50R	10r# 25r# 50r#

Product	Code	Packing
Acinetobacter baumannii Detection Kit	MBPCR038-10R MBPCR038-25R MBPCR038-50R	10r# 25r# 50r#
Diarrhoeogenic E. coli Detection Kit (Multiplex)	MBPCR039-10R MBPCR039-25R MBPCR039-50R	10r# 25r# 50r#
Klebsiella pneumoniae Detection Kit	MBPCR044-10R MBPCR044-25R MBPCR044-50R	10r# 25r# 50r#
Pseudomonas aeruginosa Detection Kit	MBPCR050-10R MBPCR050-25R MBPCR050-50R	10r# 25r# 50r#
Generic E.coli Detection Kit	MBPCR051-10R MBPCR051-25R MBPCR051-50R	10r# 25r# 50r#
Candida albicans Detection Kit	MBPCR052-10R MBPCR052-25R MBPCR052-50R	10r# 25r# 50r#
Bacillus subtilis Detection Kit	MBPCR053-10R MBPCR053-25R MBPCR053-50R	10r# 25r# 50r#
Shigella spp. Detection Kit	MBPCR054-10R MBPCR054-25R MBPCR054-50R	10r# 25r# 50r#
Staphylococcus aureus Detection Kit	MBPCR056-10R MBPCR056-25R MBPCR056-50R	10r# 25r# 50r#
Clostridium sporogenes Detection Kit	MBPCR074-10R MBPCR074-25R MBPCR074-50R	10r# 25r# 50r#
Generic Dengue Detection Kit (One-Step Semi-Q PCR Based)	MBPCR102-10R MBPCR102-25R MBPCR102-50R	10r# 25r# 50r#

Palm PCR Kits



Available in three authentic colors:

- Red: LA998/LA1013-R
- Blue: LA998/LA1013-B
- Yellow: LA998/LA1013-Y

Palm E.coli 0157:H7 Detection Kit Kit for <i>E.coli</i> 0157:H7 detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR032- 25R MBPCR032 - 50R	25r# 50r#
Palm Salmonella Detection Kit Kit for <i>Salmonella</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR033 - 25R MBPCR033- 50R	25r# 50r#

Product	Code	Packing
Palm Mycobacterium tuberculosis Detection Kit Kit for <i>Mycobacterium tuberculosis</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR034 - 25R MBPCR034 - 50R	25r# 50r#
Palm Malaria Detection Kit Kit for Malaria detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR035 - 25R MBPCR035 - 50R	25r# 50r#
Palm Listeria monocytogens Detection Kit Kit for <i>Listeria monocytogens</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR036 - 25R MBPCR036 - 50R	25r# 50r#
Palm Bacillus subtilis Detection Kit Kit for <i>Bacillus subtilis</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR040 - 25R MBPCR040 - 50R	25r# 50r#
Palm Candida albicans Detection Kit Kit for <i>Candida albicans</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR041 - 25R MBPCR041 - 50R	25r# 50r#
Palm Pseudomonas aeruginosa Detection Kit Kit for <i>Pseudomonas aeruginosa</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR042 - 25R MBPCR042 - 50R	25r# 50r#
Palm Staphylococcus aureus Detection Kit Kit for <i>Staphylococcus aureus</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR043 - 25R MBPCR043 - 50R	25r# 50r#
Palm Generic E.coli Detection Kit Kit for Generic <i>E.coli</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR045 - 25R MBPCR045 - 50R	25r# 50r#
Palm Diarrhoeogenic E.coli Detection Kit Kit for Diarrhoeogenic <i>E.coli</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR046 - 25R MBPCR046 - 50R	25r# 50r#
Palm Shigella spp. Detection Kit Kit for <i>Shigella</i> spp. detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR047 - 25R MBPCR047 - 50R	25r# 50r#
Palm GMO (Genetically Modified Organisms) Detection Kit Kit for GMO (Genetically Modified Organisms) detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR048 - 25R MBPCR048 - 50R	25r# 50r#
Palm Klebsiella pneumoniae Detection Kit Kit for <i>Klebsiella pneumoniae</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR049 - 25R MBPCR049 - 50R	25r# 50r#
Palm Acinetobacter baumannii Detection Kit Kit for <i>Acinetobacter baumannii</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR066 - 25R MBPCR066 - 50R	25r# 50r#
Palm Clostridium sporogenes Detection Kit Kit for <i>Clostridium sporogenes</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR067 - 25R MBPCR067 - 50R	25r# 50r#

Product	Code	Packing
Palm Salmonella enterica subsp. enterica Detection Kit Kit for <i>Salmonella enterica subsp. enterica</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR068 - 25R MBPCR068 - 50R	25r# 50r#
Palm Aspergillus brasiliensis Detection Kit Kit for <i>Aspergillus brasiliensis</i> detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR069 - 25R MBPCR069 - 50R	25r# 50r#
Palm Generic Dengue Detection Kit (One Step RT-PCR) Kit for Generic Dengue detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR082 - 25R MBPCR082 - 50R	25r# 50r#

Product	Code	Packing
Palm White Spot Syndrome Virus (WSSV) Detection Kit Kit for White Spot Syndrome Virus detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes. See Page No. 569	MBPCR100 - 25R MBPCR100 - 50R	25r# 50r#
Palm Methicillin Resistant Staphylococcus aureus Detection Kit New Kit for detection of Methicillin resistant <i>Staphylococcus aureus</i> on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.	MBPCR130 - 25R MBPCR130 - 50R	25r# 50r#

Food Diagnostics

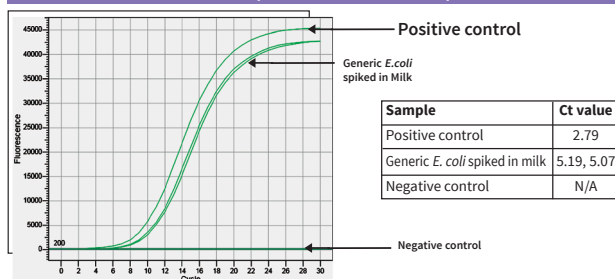
Food DNA Extraction Kits (See Page No.553)

HiPurA™ Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. Store at 15-25°C	MB562-20PR MB562-50PR MB562-250PR	20pr* 50pr* 250pr*
HiPurA™ Food Pathogen DNA Purification Kit (Salmonella) [Provided with culture media] This kit is used for extraction of <i>Salmonella</i> DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample Store at 15-25°C	MB568-10PR MB568-25PR	10pr* 25pr*
HiPurA™ Food Pathogen (Bacteria) DNA Purification Kit This kit is used for extraction of Bacterial DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample Store at 15-25°C	MB568A-10PR MB568A-25PR	10pr* 25pr*

SYBr Based Food PCR Kits

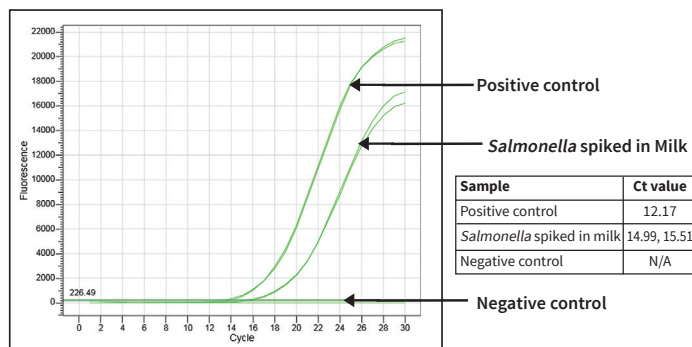
Generic E. coli Food Detection Kit (Real-time SYBr Based PCR)	MBPCR059A-10R MBPCR059A-25R MBPCR059A-50R	10r# 25r# 50r#
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Real Time SYBr Based PCR for Generic *E.coli* Detection in Spiked Milk (Code : MBPCR059A)



Salmonella Food Detection Kit (Real-time SYBr Based PCR)	MBPCR024A-10R MBPCR024A-25R MBPCR024A-50R	10r# 25r# 50r#
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Real Time SYBr Based PCR data for *Salmonella* Detection in Spiked Milk (Code : MBPCR024A)



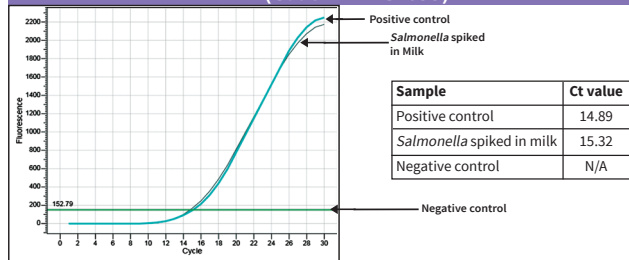
Food PCR Kits

Real-Time PCR Kit (with Positive Control)

Probe Based Food PCR Kits

Salmonella Detection Kit (Real-time Probe Based PCR) See Page No. 564	MBPCR099-10R MBPCR099-25R MBPCR099-50R	10r# 25r# 50r#
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Real Time Probe Based PCR for *Salmonella* Detection in Spiked Milk (Code : MBPCR099)



Product

Code

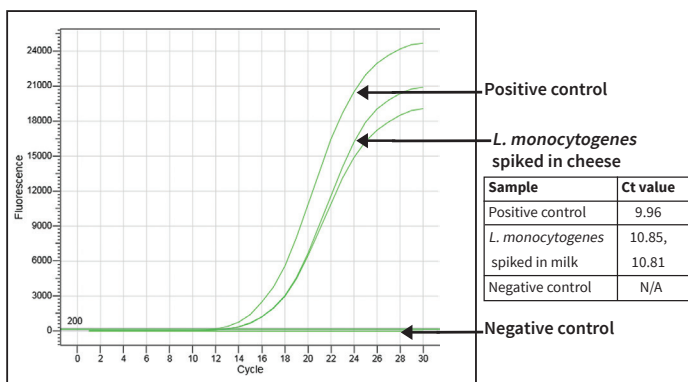
Packing

Listeria monocytogenes Food Detection Kit
(Real-time SYBr Based PCR)

MBPCR025A-10R
MBPCR025A-25R
MBPCR025A-50R

10r#
25r#
50r#

Real Time SYBr Based PCR Data for *L. monocytogenes* Detection in Spiked Cheese (Code : MBPCR025A)



Semi-Quantitative PCR Kits
(Provided with Positive Control & Internal Control)

Salmonella Food Detection Kit
(Semi-Quantitative PCR)

MBPCR004A-10PR
MBPCR004A-25PR
MBPCR004A-50PR

10pr*
25pr*
50pr*

Food Extraction - PCR Combo Kits

***E. coli* O157:H7 and Salmonella spp. Food Detection Kit**

Kit detects *E. coli* O157:H7 and *Salmonella* spp. from food samples.
Principle : Column based extraction followed by Semi-Q PCR.

MBT112-10PR
MBT112-25PR

10pr*
25pr*

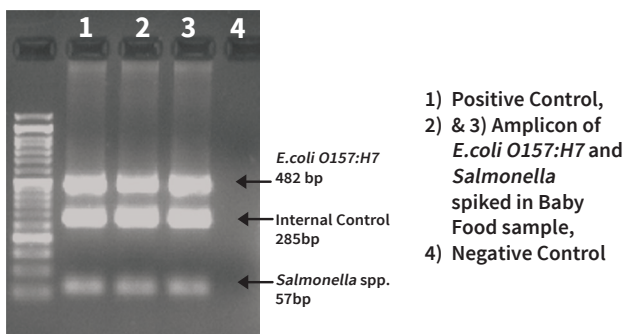
***E. coli* O157:H7 and Salmonella spp. Food Detection Kit (Provided with culture media)**

Kit detects *E. coli* O157:H7 and *Salmonella* spp. from food samples. This kit is provided with culture media for enrichment of food samples.
Principle : Column based extraction followed by Semi-Q PCR.

MBT113-10PR
MBT113-25PR

10pr*
25pr*

***E. coli* O157:H7 and Salmonella Detection in Spiked Baby Food (Code : MBT113)**



Product

Code

Packing

Food Heat Lysis - PCR Combo Kits

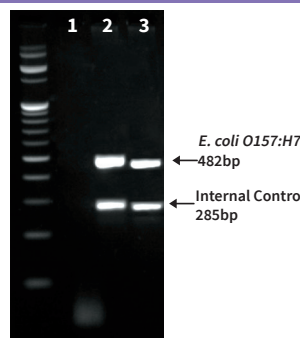
***E. coli* O157:H7 Food Detection Kit**

Kit detects *E. coli* O157:H7 from food samples.
Principle : Short lysis followed by Semi-Q PCR.

MBT114-10PR
MBT114-25PR

10pr*
25pr*

***E. coli* O157:H7 Detection in Spiked Baby Food (Code : MBT114)**



***E. coli* O157:H7 Food Detection Kit (Provided with culture media)**

Kit detects *E. coli* O157:H7 from food samples. This kit is provided with culture media for enrichment of food samples.
Principle : Short lysis followed by Semi-Q PCR

MBT115-10PR
MBT115-25PR

10pr*
25pr*

Salmonella Food Detection Kit

Kit detects *Salmonella* spp. from food samples.
Principle : Short lysis extraction followed by Semi-Q PCR

MBT116-10PR
MBT116-25PR

10pr*
25pr*

Salmonella Food Detection Kit (Provided with culture media)

Kit detects *Salmonella* spp. from food samples. This kit is provided with culture media for enrichment of food samples.
Principle : Short lysis extraction followed by Semi-Q PCR

MBT117-10PR
MBT117-25PR

10pr*
25pr*

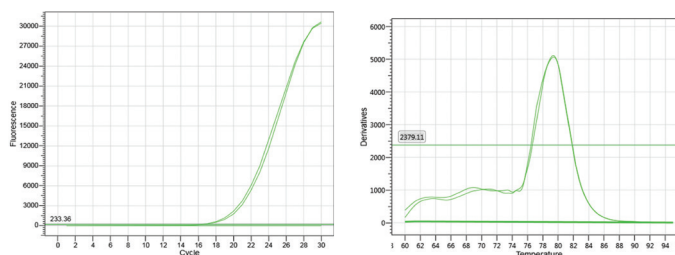
Adulteration Identification Kits

Pork Detection Kit (Real-Time SYBr based PCR Kit)

MBPCR098-10R
MBPCR098-25R
MBPCR098-50R

10r#
25r#
50r#

Pork Detection by MBPCR098 (Sensitivity : 0.01%)



Sample	Ct value	Melt curve
Positive control	16.81	79.4
Positive control	16.56	79.4
Negative control	N/A	N/A

Pork Detection Kit (Real-Time Probe Based PCR)

New

MBPCR136-10R
MBPCR136-25R
MBPCR136-50R

10r#
25r#
50r#

Product

Code

Packing

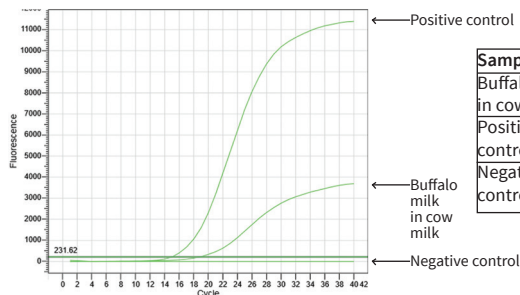
Buffalo Detection Kit (Real-Time Probe based PCR)

New

MBPCR138-10R
MBPCR138-25R
MBPCR138-50R

10r#
25r#
50r#

Buffalo Detection Kit (MBPCR138) (Sensitivity : 0.5%)



Sample	Ct values
Buffalo milk in cow milk	19.02
Positive control	15.15
Negative control	N/A

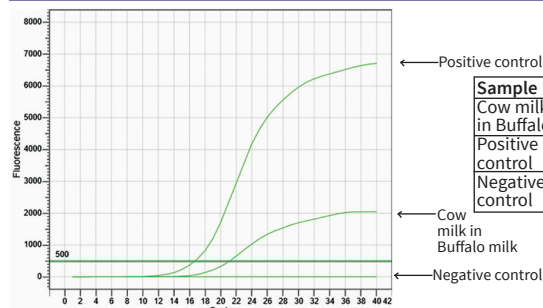
Cow Detection Kit (Real-Time Probe based PCR)

New

MBPCR139-10R
MBPCR139-25R
MBPCR139-50R

10r#
25r#
50r#

Cow Detection Kit (MBPCR139)



Sample	Ct values
Cow milk in Buffalo milk	21.2
Positive control	16.73
Negative control	N/A

Seafood Diagnostic Kits

Extraction Kit

HiPurA™ White Spot Syndrome Virus (WSSV) DNA Purification Kit

Principle : Solution Based
Sample material : 100 mg infected tissue sample.
See Page No. 553

MB572-20PR
MB572-50PR
MB572-250PR

20pr*
50pr*
250pr*

Product

Code

Packing

PCR Kits

White Spot Syndrome Virus (WSSV) Detection Kit
(Semi-Quantitative based PCR)
See Page No. 565

MBPCR013-10R
MBPCR013-25R
MBPCR013-50R

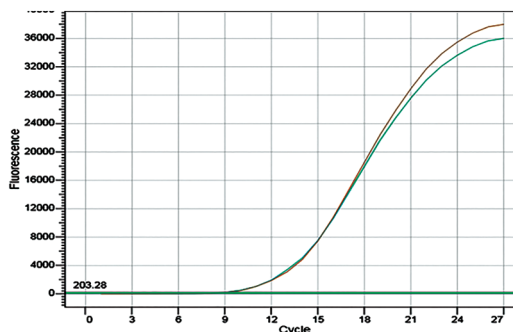
10r#
25r#
50r#

White Spot Syndrome Virus (WSSV) Detection Kit
(Real Time SYBr Based PCR)
See Page No. 565

MBPCR093-10R
MBPCR093-25R
MBPCR093-50R

10r#
25r#
50r#

Data representing Real Time PCR amplification of WSSV Detection using MBPCR093-White Spot Syndrome Virus (WSSV) Detection Kit



Sr. No.	Sample	Ct Value
1	Negative Control	N/A
2	Amplicon Using WSSV Outer Primer	8.96
3	Amplicon Using WSSV Outer Primer	8.88

Palm White Spot Syndrome Virus (WSSV) Detection Kit

Kit for White spot syndrome virus detection on Palm PCR machine. Kit includes : PCR Reagents, Primers, Positive control & Palm PCR Tubes.
See Page No. 567

MBPCR100 - 25R
MBPCR100- 50R

25r#
50r#

Kits for GMO Detection

Semi-Quantitative PCR Kit

GMO (Genetically Modified Organism) Detection Kit (Semi-Q PCR Based)

MBPCR055-10R
MBPCR055-25R
MBPCR055-50R

10r#
25r#
50r#

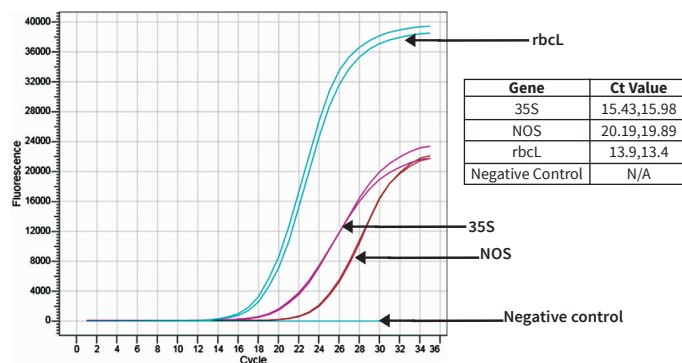
Real-time PCR Kits (SYBr Based)

GMO (Genetically Modified Organism) Detection Kit (Real-time PCR Based)

MBPCR063-10R
MBPCR063-25R
MBPCR063-50R

10r#
25r#
50r#

Data representing GMO detection using GMO (Genetically Modified Organism) Detection Kit (Real-time PCR Based) - (MBPCR063)



Gene	Ct Value
35S	15.43, 15.98
NOS	20.19, 19.89
rbcL	13.9, 13.4
Negative Control	N/A

Product

Code

Packing

Product

Code

Packing

Water and Beverage Diagnostics

New

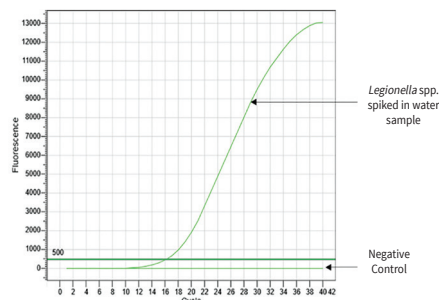
Extraction Kits

HiPurA™ Water DNA Purification Kit (with enrichment) Principle : Column Based Sample material : 10 -15ml water. See Page No. 552	MB547-20PR	20pr*
	MB547-50PR	50pr*
	MB547-250PR	250pr*
HiPurA™ Water DNA Purification Kit (without enrichment) New Principle : Column Based Sample material : upto 1ltr. water. See Page No. 552	MB577-20PR	20pr*
	MB577-50PR	50pr*
	MB577-250PR	250pr*
HiPurA™ Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. Store at 15-25°C See Page No. 553	MB562-20PR	20pr*
	MB562-50PR	50pr*
	MB562-250PR	250pr*

Extraction & PCR Combo Kit

Vibrio cholerae Water Detection Kit New	MBT146-50PR	50pr*
	MBT146-100PR	100pr*
E.coli O157:H7 Water Detection Kit New	MBT147-50PR	50pr*
	MBT147-100PR	100pr*

Salmonella Water Detection Kit New	MBT148-50PR	50pr*
	MBT148-100PR	100pr*
Legionella spp. Water Detection Kit (For detection of <i>Legionella</i> species in water) New	MBT142-10PR	10pr*
	MBT142-50PR	50pr*
	MBT142-100PR	100pr*

Data representing Real Time PCR amplification of *Legionella* spp. DNA spiked in water

Sr. no.	Sample	Ct value
1.	Negative control	N/A
2.	Amplicon of <i>Legionella</i> spp. from spiked water sample	13.92

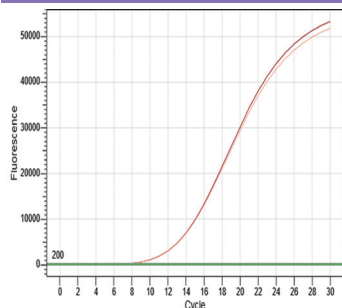
Veterinary Diagnostics

New

Real Time PCR Kits

Salmonella Detection Kit See Page No. 564	MBPCR024-10R	10r#
	MBPCR024-25R	25r#
	MBPCR024-50R	50r#
Animal Hemorrhagic septicemia (HS) Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR129-10R	10r#
	MBPCR129-25R	25r#
	MBPCR129-50R	50r#

Data representing Hemorrhagic septicemia detection by Real Time PCR using MBPCR129



Sr. No.	Sample	Ct value
1	Negative control	N/A
2	Positive control	09.45

Animal Brucella Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR121-10R	10r#
	MBPCR121-25R	25r#
	MBPCR121-50R	50r#

Animal Mycoplasma gallisepticum Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR122-10R	10r#
	MBPCR122-25R	25r#
	MBPCR122-50R	50r#

Animal Theileria Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR123-10R	10r#
	MBPCR123-25R	25r#
	MBPCR123-50R	50r#

Animal Peste des petits ruminants (PPR) Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR124-10R	10r#
	MBPCR124-25R	25r#
	MBPCR124-50R	50r#

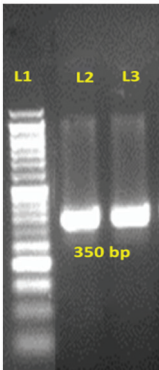
Animal Babesia bigemina Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR125-10R	10r#
	MBPCR125-25R	25r#
	MBPCR125-50R	50r#

Animal Newcastle Disease Virus (NDV) Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR126-10R	10r#
	MBPCR126-25R	25r#
	MBPCR126-50R	50r#

Animal Pox Detection Kit (Real-Time SYBr Based PCR Kit) New	MBPCR127-10R	10r#
	MBPCR127-25R	25r#
	MBPCR127-50R	50r#

Animal Infectious Bovine Rhinotracheitis (IBR) Detection Kit (Real-Time SYBr Based PCR Kit) New (for detection of Bovine Herpes Virus Type I)	MBPCR128-10R	10r#
	MBPCR128-25R	25r#
	MBPCR128-50R	50r#

Product	Code	Packing
Semi-Q PCR Kits		
Salmonella Detection Kit See Page No.565	MBPCR004-10R MBPCR004-25R MBPCR004-50R	10r# 25r# 50r#
Animal Hemorrhagic septicemia Detection Kit (Semi-Q PCR Based) New	MBPCR109-10R MBPCR109-25R MBPCR109-50R	10r# 25r# 50r#
Animal Brucella Detection Kit (Semi-Q PCR Based) New	MBPCR113-10R MBPCR113-25R MBPCR113-50R	10r# 25r# 50r#
Animal Mycoplasma gallisepticum Detection Kit (Semi-Q PCR Based) New	MBPCR114-10R MBPCR114-25R MBPCR114-50R	10r# 2pr# 50r#
Animal Theileria Detection Kit (Semi-Q PCR Based) New	MBPCR115-10R MBPCR115-25R MBPCR115-50R	10r# 25r# 50r#
Animal Peste des petits ruminants (PPR) Detection Kit (Semi-Q PCR Based) New	MBPCR116-10R MBPCR116-25R MBPCR116-50R	10r# 25r# 50r#

Product	Code	Packing						
Data representing PPR DNA amplification using Animal PPR Detection Kit (MBPCR116)								
<table data-bbox="1144 462 1406 533"><tr><th>Lane</th><th>Sample</th></tr><tr><td>L1</td><td>100bp DNA Ladder</td></tr><tr><td>L2 and L3</td><td>Amplicon of PPR (350 bp)</td></tr></table>			Lane	Sample	L1	100bp DNA Ladder	L2 and L3	Amplicon of PPR (350 bp)
Lane	Sample							
L1	100bp DNA Ladder							
L2 and L3	Amplicon of PPR (350 bp)							
Animal Babesia bigemina Detection Kit (Semi-Q PCR Based)	New MBPCR117-10R MBPCR117-25R MBPCR117-50R	10r# 25r# 50r#						
Animal Newcastle Disease Virus (NDV) Detection Kit (Semi-Q PCR Based)	New MBPCR118-10R MBPCR118-25R MBPCR118-50R	10r# 25r# 50r#						
Animal Pox Detection Kit (Semi-Q PCR Based)	New MBPCR119-10R MBPCR119-25R MBPCR119-50R	10r# 25r# 50r#						
Animal Infectious Bovine Rhinotracheitis (IBR) Detection Kit (Semi-Q PCR Based) (for detection of Bovine Herpes Virus Type 1)	New MBPCR120-10R MBPCR120-25R MBPCR120-50R	10r# 25r# 50r#						



Introducing
Veterinary
Diagnostics Kits

Nurturing

Human-Animal Bond

For Animals are Precious



Available in Conventional PCR & Real-Time PCR (SYBr) Platforms

Product Name	Semi-Q Codes	Real-Time SYBr Codes
Haemorrhagic Septicemia (<i>Pasteurella multocida</i>)	MBPCR109	MBPCR129
<i>Brucella</i> spps.	MBPCR113	MBPCR121
<i>Mycoplasma gallisepticum</i>	MBPCR114	MBPCR122
<i>Theileria</i> spps.	MBPCR115	MBPCR123
Peste des petits ruminants (PPR)	MBPCR116	MBPCR124
<i>Babesia bigemina</i>	MBPCR117	MBPCR125
Newcastle Disease Virus (NDV)	MBPCR118	MBPCR126
Animal Pox	MBPCR119	MBPCR127
Infectious Bovine Rhinitis (IBR)	MBPCR120	MBPCR128
<i>Salmonella</i> spps.	MBPCR004	MBPCR024

Product

Code

Packing

Product

Code

Packing

REVERSE TRANSCRIPTION & PCR KITS FOR RESEARCH APPLICATIONS

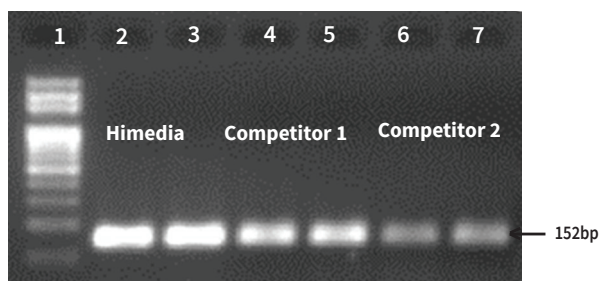
PCR Kits

Hi-PCR Kit A pack of individual reagents required for PCR.	MBT075-10R	10r#
	MBT075-25R	25r#
Multiplex PCR Kit The kit is designed for parallel amplification of multiple fragments in a single PCR assay.	MBT118-25R	25r#
	MBT118-100R	100r#
Hi-cDNA Synthesis Kit A pack of individual reagents required for synthesis of cDNA.	MBT076-10R	10r#
	MBT076-25R	25r#
	MBT076-100R	100r#

Reverse Transcription PCR Kits

HiScript Two Step RT-PCR Kit Convenient formulation for performing cDNA synthesis and PCR amplification.	MBT138-10R	10r#
	MBT138-25R	25r#
	MBT138-50R	50r#

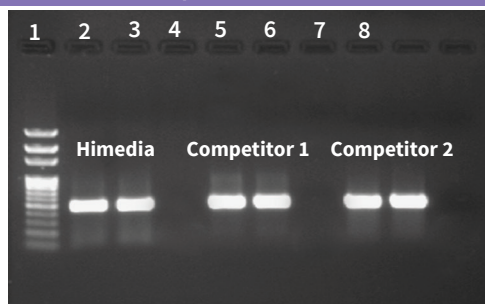
Comparative data representing PCR amplification of cells RNA using HiMedia's HiScript Two Step RT-PCR kit (MBT138)



Lane	Sample
1	100 bp ladder
2,3	HiMedia
4,5	Competitor 1
6,7	Competitor 2

HiScript One Step RT-PCR Kit (Semi-Q PCR Based) Convenient one-step formulation for performing cDNA synthesis and PCR amplification in a single tube.	MBT095-10R	10r#
	MBT095-25R	25r#
	MBT095-50R	50r#

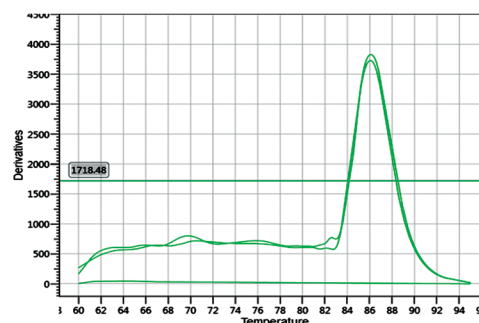
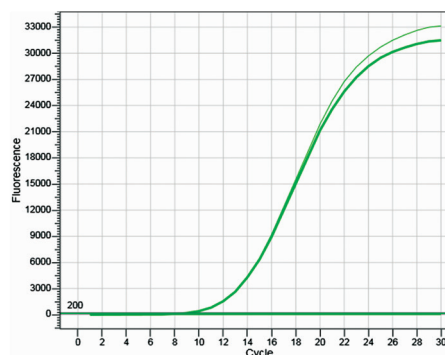
Comparative data of Dengue detection using HiMedia's HiScript One Step RT-PCR Kit (MBT095)



Lane	Sample
1	100 bp ladder
2,3	HiMedia
5,6	Competitor 1
8,9	Competitor 2

Hi-Quanti One Step RT-PCR Kit (Real time PCR Based) Convenient one-step formulation for performing cDNA synthesis and Real time PCR amplification in a single tube.	MBT128-10R	10r#
	MBT128-25R	25r#
	MBT128-50R	50r#
	MBT128-2X50R	2x50r#

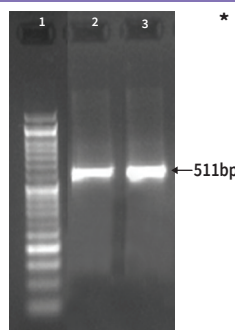
Chikungunya Detection using Hi-Quanti One Step RT-PCR Kit (MBT128)



Sample	Ct value	Melt curve
Positive control	8.95	81.6
Chikungunya positive sample	8.97	81.6
Negative control	N/A	N/A

Palm One Step RT-PCR Kit Convenient one-step formulation for performing high speed RT-PCR reaction with high accuracy and sensitivity in Palm PCR™ Machine (Code : LA1013).	MBT136-10R	10r#
	MBT136-25R	25r#
	MBT136-50R	50r#

Dengue Detection using Palm One Step RT-PCR Kit (MBT136)



* PCR Time taken : 38 minutes

Lane	Sample
1	50 bp Ladder
2,3	Dengue RNA

Product

Code

Packing

Product

Code

Packing

Universal PCR Kits

Semi-Quantitative PCR Kits

16S rRNA PCR Kit (Semi-Q PCR)	MBPCR094-10R	10r#
	MBPCR094-25R	25r#
	MBPCR094-50R	50r#
18S rRNA PCR Kit (Semi-Q PCR)	MBPCR095-10R	10r#
	MBPCR095-25R	25r#
	MBPCR095-50R	50r#
Fungal ITS PCR Kit (Semi-Q PCR)	MBPCR096-10R	10r#
	MBPCR096-25R	25r#
	MBPCR096-50R	50r#

Real-time PCR Kits

16S rRNA PCR Kit (Real-time PCR)	MBPCR087-10R	10r#
	MBPCR087-25R	25r#
	MBPCR087-50R	50r#
18S rRNA PCR Kit (Real-time PCR)	MBPCR088-10R	10r#
	MBPCR088-25R	25r#
	MBPCR088-50R	50r#
Fungal ITS PCR Kit (Real-time PCR)	MBPCR097-10R	10r#
	MBPCR097-25R	25r#
	MBPCR097-50R	50r#

Palm PCR Kit & Accessories

Key Features of Palm PCR™ System

- Battery-powered, stand-alone device:
More than 4 hours of operation on a single charge
- Extended dynamic range:
Upto 2 kb with the high-speed and high-efficiency
- Ultra-fast amplification:

Palm PCR™ - LA998



Available in three authentic colors:

Red: LA998-R Blue: LA998-B Yellow: LA998-Y

Palm PCR™ - LA998 system is an ultrafast & easy-to-use machine which delivers high level of sensitivity. It has three Standard Fast PCR speed levels along with two speed levels each of the Standard Slow and Turbo Fast modes. The dynamic range is extended to upto 2 kb in the Standard Slow mode, and the PCR amplification is accelerated to 18-21 min/30-cycles in the Turbo Fast mode.

Palm PCR™ - LA1013



Available in three authentic colors:

Red: LA1013-R Blue: LA1013-B Yellow: LA1013-Y

Palm PCR™ - LA1013 is an extended version of the Palm PCR™ series. Further to the full capacity of performing PCR reactions, multi-step isothermal functions are provided. The LA1013 model represents a complete solution for performing both PCR reactions and related biochemical processes such as reverse transcription and DNA preparation, in a single instrument.

- Isothermal incubation function: Programmable up to 4 steps with temperature range of 37°C to 98°C**

Time	Mode	Amplicon Size
8 - 12 min.	Turbo Fast Mode	≤ 200bp
12 - 27 min.	Turbo / Standard Fast Mode	≤ 800bp
27 - 34 min.	Standard Fast Mode	≤ 800bp - 2kb

Palm PCR™ Kit Kit for Palm PCR machine. Kit includes : PCR accessories and PCR Reagents.	MBPCR031 - 25R MBPCR031 - 50R	25r# 50r#
Palm PCR™ -G1 Portable ultrafast PCR system	LA998 - 1 NO	1 no
Palm PCR™ -G2 Portable ultrafast PCR system with multi-step isothermal functions	LA1013 - 1 NO	1 no

Palm PCR™ Sample Tube Rack Rack for holding sample tube during assay set up. Holding Capacity : 6 X 8 Places	PW1299 - 1NO	1 no
Palm PCR™ Centrifuge Adaptor Adaptor for holding Palm PCR tube during centrifugation. 1 pack contains 2 nos. of adaptors	PW1310 - 1PK	1 pack

Product

Code

Packing

Product

Code

Packing

ENZYMES & REAGENTS FOR REVERSE TRANSCRIPTION & PCR

Reverse Transcription Enzymes

M-MuLV Reverse Transcriptase (RNase H-)
(Concentration: 200 units/ μ l)
Application : For synthesis of cDNA from RNA

MBT072-1000U
MBT072-5000U

1000u
5000u

AMV Reverse Transcriptase
(Concentration 20 units/ μ l)
Application : For synthesis of cDNA from RNA

MBT073-100U
MBT073-250U

100u
250u

DNA Polymerases

Supplied with 10X Buffer A with / without $MgCl_2$, 10X Buffer S with 17.5 mM $MgCl_2$, 50mM $MgCl_2$, Enzyme vial

Taq Polymerase (5 units/ μ l)
(10X Buffer A without $MgCl_2$)

MBT060-500U
MBT060-1000U
MBT060-5000U
MBT060-20x500U

500u
1000u
5000u
20x500u

Taq Polymerase (5 units/ μ l)
(10X Buffer A with $MgCl_2$)

MBT060A-500U
MBT060A-1000U
MBT060A-5000U
MBT060A-20x500U

500u
1000u
5000u
20x500u

Taq Polymerase (3 units/ μ l)
(10X Buffer A without $MgCl_2$)

MBT060B-500U
MBT060B-1000U
MBT060B-5000U
MBT060B-20x500U

500u
1000u
5000u
20x500u

Taq Polymerase (3 units/ μ l)
(10X Buffer A with $MgCl_2$)

MBT060C-500U
MBT060C-1000U
MBT060C-5000U
MBT060C-20x500U

500u
1000u
5000u
20x500u

Taq Polymerase (1 unit/ μ l)
(10X Buffer A without $MgCl_2$)

MBT060D-500U
MBT060D-1000U
MBT060D-5000U
MBT060D-20x500U

500u
1000u
5000u
20x500u

Taq Polymerase (1 unit/ μ l)
(10X Buffer A with $MgCl_2$)

MBT060E-500U
MBT060E-1000U
MBT060E-5000U
MBT060E-20x500U

500u
1000u
5000u
20x500u

Hi-Proof DNA Polymerase (5 units/ μ l)
(Proof reading Enzyme)
(10X Buffer A without $MgCl_2$)
Source : *Pyrococcus furiosus*
Application : Has 3' - 5' Proof reading activity.

MBT068-100U
MBT068-200U
MBT068-500U

100u
200u
500u

Hi-Long Amp DNA Polymerase (5 units/ μ l)
(10X Buffer A without $MgCl_2$)
Source: *E. coli* with cloned pol gene from *Thermus aquaticus* and thermostable DNA polymerase.
Application: For high-fidelity amplification and cloning of blunt-ended amplification products

MBT069-100U
MBT069-200U
MBT069-500U
MBT069-1000U

100u
200u
500u
1000u

Hi-Temp DNA Polymerase (2.5 units/ μ l)
(10X Buffer A without $MgCl_2$)
Source : *E. coli* with cloned antibody of *Thermus aquaticus*
Application : Hot-start activation results in specific and sensitive amplification of PCR template.

MBT070-100U
MBT070-200U
MBT070-500U
MBT070-1000U

100u
200u
500u
1000u

ChromTaq DNA Polymerase (1 unit/ μ l)
(10X Buffer A without $MgCl_2$)
Source : *Thermus aquaticus*
Application: For enhanced amplification with indicators for ease of visualization of the addition of polymerase to reaction.

MBT088-100U
MBT088-200U
MBT088-500U

100u
200u
500u

dNTPs

dATP solution, 100 mM, 0.25 ml

MBT054-0.25ML

0.25ml

dCTP solution, 100 mM, 0.25 ml

MBT055-0.25ML

0.25ml

dGTP solution, 100 mM, 0.25 ml

MBT056-0.25ML

0.25ml

dTTP solution, 100 mM, 0.25 ml

MBT057-0.25ML

0.25ml

dNTP solutions set, contains 100 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)

MBT058-4X0.25ML

4X0.25ml

dNTP solutions set, contains 10 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)

MBT079-4X0.25ML

4X0.25ml

A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 100mM (containing 25 mM each dNTP)

MBT059-1ML

1ml

A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 10mM (containing 2.5 mM each dNTP)

MBT078-1ML

1ml

PCR Enhancers

PCR Enhancer I

Store at 2-8°C
(A proprietary mixture containing Betaine)
Application : For all types of PCR

MBT085-1VL
MBT085-5VL

1vl*
5vl*

PCR Enhancer II

Store at 2-8°C
(A proprietary mixture containing DMSO)
Application : For long PCR

MBT086-1VL
MBT086-5VL

1vl*
5vl*

Product	Code	Packing
PCR Master Mixes		
2X PCR TaqMixture Concentration 2X (A ready to use mix of Taq DNA Polymerase, Buffer, Mg ²⁺ and dNTPs) New and improved mastermix for efficient PCR analysis.	MBT061-20R MBT061-50R MBT061-100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml)
Hi-Chrom PCR Master Mix Concentration 2X (A ready to use mix of ChromTaq DNA Polymerase, Buffer, Mg ²⁺ and dNTPs) Premixed with loading dye allows direct loading of PCR products on to gel	MBT089-20R MBT089-50R MBT089-100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml)
Hi-SYBr Master Mix (with Taq Polymerase) Concentration 2X (A ready to use mix of SYBr Green, Taq Polymerase, Buffer, Mg ²⁺ and dNTPs)	MBT074-20R MBT074-50R MBT074-100R MBT074-5x100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml) 5x100r# (5x2.5ml)
Hi-SYBr Master Mix (with Hi-Temp DNA Polymerase) Concentration 2X (A ready to use mix of SYBr Green, Hi-Temp DNA Polymerase, Buffer, Mg ²⁺ and dNTPs)	MBT108-20R MBT108-50R MBT108-100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml)
Hi-Temp PCR Master Mix New Concentration 2X (A ready to use mix of Hi-Temp DNA Polymerase, Buffer, Mg ²⁺ and dNTPs)	MBT119-20R MBT119-50R MBT119-100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml)

Product	Code	Packing
Positive Controls for PCR		
<i>Pseudomonas aeruginosa</i> Genomic DNA	MBT097-250R	250r# (250µl)
<i>Klebsiella pneumoniae</i> Genomic DNA	MBT098-250R	250r# (250µl)
<i>Shigella flexneri</i> Genomic DNA	MBT099-250R	250r# (250µl)
<i>Streptococcus pneumoniae</i> Genomic DNA	MBT100-250R	250r# (250µl)
<i>Vibrio cholerae</i> Genomic DNA	MBT101-250R	250r# (250µl)
<i>E. coli</i> O157:H7 Genomic DNA	MBT102-250R	250r# (250µl)
<i>Salmonella</i> Genomic DNA	MBT103-250R	250r# (250µl)
<i>Listeria monocytogenes</i> Genomic DNA	MBT104-250R	250r# (250µl)
<i>Legionella pneumophila</i> Genomic DNA	MBT105-250R	250r# (250µl)
<i>Campylobacter jejuni</i> Genomic DNA	MBT106-250R	250r# (250µl)
<i>Mycobacterium tuberculosis</i> Genomic DNA	MBT107-250R	250r# (250µl)
<i>Acinetobacter baumannii</i> Genomic DNA	MBT122-250R	250r# (250µl)
<i>Campylobacter coli</i> Genomic DNA	MBT135-250R	250r# (250µl)

Selection Guide for DNA Polymerases

Sr.No	Name of Polymerase	Product Code	Properties			Applications			
			Amplicon Size	Hot-Start	Proof-reading	Blunt End Cloning	TA Cloning	High Fidelity PCR	Direct Gel Loading
1	Taq Polymerase (Concentration: 5 U / µl)	MBT060, MBT060A	Upto 8 kb	—	—	—	+	—	—
2	Taq Polymerase (Concentration: 3 U / µl)	MBT060B, MBT060C	Upto 8 kb	—	—	—	+	—	—
3	Taq Polymerase (Concentration: 1 U / µl)	MBT060D, MBT060E	Upto 8 kb	—	—	—	+	—	—
4	Hi-Proof DNA Polymerase (Concentration: 5 U / µl)	MBT068	Upto 8 kb	—	+	+	—	+	—
5	Hi-Long Amp DNA Polymerase (Concentration: 5 U / µl)	MBT069	Upto 20 kb	—	+	+	—	+	—
6	Hi-Temp DNA Polymerase (Concentration: 2.5 U / µl)	MBT070	Upto 8 kb	+	+	—	—	+	—
7	ChromTaq DNA Polymerase (Concentration: 1 U / µl)	MBT088	Upto 20 kb	—	—	—	+	—	+

+ : Applicable — : Not Applicable

Product

Code

Packing

Product

Code

Packing

Cloning Reagents

Restriction Enzymes

EcoR I
 Source : *Escherichia coli*
 Recognition Sequence : 5'-GAATTC-3'
 3'-CTTAAG-5'

MBRE001-250U 250u
 MBRE001-500U 500u
 MBRE001-1000U 1000u
 MBRE001-5000U 5000u

BamH I
 Source : *Bacillus amyloliquefaciens*
 Recognition Sequence : 5'-GGATCC-3'
 3'-CCTAGG-5'

MBRE002-250U 250u
 MBRE002-500U 500u
 MBRE002-1000U 1000u
 MBRE002-5000U 5000u

Hind III
 Source : *Haemophilus influenzae*
 Recognition Sequence : 5'-AAGCTT-3'
 3'-TTCGAA-5'

MBRE003-250U 250u
 MBRE003-500U 500u
 MBRE003-1000U 1000u
 MBRE003-5000U 5000u

Taq I
 Source : *Thermus aquaticus*
 Recognition Sequence : 5'-TCGA-3'
 3'-AGCT-5'

MBRE004-250U 250u
 MBRE004-500U 500u
 MBRE004-1000U 1000u
 MBRE004-5000U 5000u

Not I
 Source : *Nocardia otitidis*
 Recognition Sequence : 5'-GCGGCCGC-3'
 3'-CGCGGCCG-5'

MBRE005-250U 250u
 MBRE005-500U 500u
 MBRE005-1000U 1000u
 MBRE005-5000U 5000u

Hinf I
 Source : *Haemophilus influenzae*
 Recognition Sequence : 5'-GANTC-3'
 3'-CTNAG-5'

MBRE006-250U 250u
 MBRE006-500U 500u
 MBRE006-1000U 1000u
 MBRE006-5000U 5000u

Hae III
 Source : *Haemophilus aegyptius*
 Recognition Sequence : 5'-GGCC-3'
 3'-CCGG-5'

MBRE007-250U 250u
 MBRE007-500U 500u
 MBRE007-1000U 1000u
 MBRE007-5000U 5000u

Alu I
 Source : *Arthrobacter luteus*
 Recognition Sequence : 5'-AGCT-3'
 3'-TCGA-5'

MBRE008-250U 250u
 MBRE008-500U 500u
 MBRE008-1000U 1000u
 MBRE008-5000U 5000u

EcoR V
 Source : *Escherichia coli*
 Recognition Sequence : 5'-GATATC-3'
 3'-CTATAG-5'

MBRE009-250U 250u
 MBRE009-500U 500u
 MBRE009-1000U 1000u
 MBRE009-5000U 5000u

Kpn I
 Source : *Klebsiella pneumoniae*
 Recognition Sequence : 5'-GGTACC-3'
 3'-CCATGG-5'

MBRE010-250U 250u
 MBRE010-500U 500u
 MBRE010-1000U 1000u
 MBRE010-5000U 5000u

Pst I
 Source : *Providencia stuartii*
 Recognition Sequence : 5'-CTGAG-3'
 3'-GACGTC-5'

MBRE011-250U 250u
 MBRE011-500U 500u
 MBRE011-1000U 1000u
 MBRE011-5000U 5000u

Sac I
 Source : *Streptomyces achromogenes*
 Recognition Sequence : 5'-GAGCTC-3'
 3'-CTCGAG-5'

MBRE012-250U 250u
 MBRE012-500U 500u
 MBRE012-1000U 1000u
 MBRE012-5000U 5000u

Sca I
 Source : *Streptomyces albus*
 Recognition Sequence : 5'-AGTACT-3'
 3'-TCATGA-5'

MBRE013-250U 250u
 MBRE013-500U 500u
 MBRE013-1000U 1000u
 MBRE013-5000U 5000u

Sph I
 Source : *Streptomyces phaeochromogenes*
 Recognition Sequence : 5'-GCATGC-3'
 3'-CGTACG-5'

MBRE014-250U 250u
 MBRE014-500U 500u
 MBRE014-1000U 1000u
 MBRE014-5000U 5000u

Stu I
 Source : *Streptomyces tubercidicus*
 Recognition Sequence : 5'-AGGCCT-3'
 3'-TCCGGA-5'

MBRE015-250U 250u
 MBRE015-500U 500u
 MBRE015-1000U 1000u
 MBRE015-5000U 5000u

Xba I
 Source : *Xanthomonas badrii*
 Recognition Sequence : 5'-TCTAGA-3'
 3'-AGATCT-5'

MBRE016-250U 250u
 MBRE016-500U 500u
 MBRE016-1000U 1000u
 MBRE016-5000U 5000u

Nco I
 Source : *Nocardia corallina*
 Recognition Sequence : 5'-CCATGG-3'
 3'-GGTACC-5'

MBRE017-250U 250u
 MBRE017-500U 500u
 MBRE017-1000U 1000u
 MBRE017-5000U 5000u

Bgl II
 Source : *Bacillus globigii*
 Recognition Sequence : 5'-AGATCT-3'
 3'-TCTAGA-5'

MBRE018-250U 250u
 MBRE018-500U 500u
 MBRE018-1000U 1000u
 MBRE018-5000U 5000u

Hinc II
 Source : *Haemophilus influenzae* RC
 Recognition Sequence : 5'-GTYRAC-3'
 3'-CARYTG-5'

MBRE019-250U 250u
 MBRE019-500U 500u
 MBRE019-1000U 1000u
 MBRE019-5000U 5000u

Mlu I
 Source : *Micrococcus luteus*
 Recognition Sequence : 5'-ACGCGT-3'
 3'-TGC GCA-5'

MBRE020-250U 250u
 MBRE020-500U 500u
 MBRE020-1000U 1000u
 MBRE020-5000U 5000u

Sma I
 Source : *Serratia marcescens*
 Recognition Sequence : 5'-CCCGGG-3'
 3'-GGGCCC-5'

MBRE021-250U 250u
 MBRE021-500U 500u
 MBRE021-1000U 1000u
 MBRE021-5000U 5000u

Pvu II
 Source : *Proteus vulgaris*
 Recognition Sequence : 5'-CAGCTG-3'
 3'-GTCGAC-5'

MBRE022-250U 250u
 MBRE022-500U 500u
 MBRE022-1000U 1000u
 MBRE022-5000U 5000u

Product	Code	Packing
Modifying Enzymes		
T4 DNA Ligase Concentration: 200units/μl T4 DNA Ligase catalyses the formation of phosphodiester bond between juxtaposed 5'-phosphate and 3'-hydroxyl terminals in duplex DNA and RNA. This enzyme will join blunt-end and cohesive-end terminals as well as repair single stranded nicks in duplex DNA, RNA and DNA-RNA hybrids. Store at -20°C	MBT091-5000U MBT091-10000U	5000u 10000u
Competent Cells		
HiPurA™ DH5α Competent Cells HiPurA™ DH5α Competent cells are specially made chemically competent DH5α cells which make cloning experiments easier. Store at -80°C	MBT111- 10R MBT111 - 20R MBT111 - 40R	10r # ⊙(10vls) 20r # ⊙(20vls) 40r # ⊙(40vls)

Product	Code	Packing
HiPurA™ BL21(DE3) Competent Cells New HiPurA™ BL21(DE3) Competent cells are specially made chemically competent BL21(DE3) cells which make cloning experiments easier. Store at -80°C	MBT143- 10R MBT143 - 20R MBT143 - 40R	10r # ⊙(10vls) 20r # ⊙(20vls) 40r # ⊙(40vls)
HiPurA™ XL1-Blue Competent Cells New HiPurA™ XL1-Blue Competent cells are specially made chemically competent XL1-Blue cells which make cloning experiments easier. Store at -80°C	MBT144- 10R MBT144 - 20R MBT144 - 40R	10r # ⊙(10vls) 20r # ⊙(20vls) 40r # ⊙(40vls)
Transformation Kit		
Bacterial Transformation Kit For rapid preparation of chemically competent <i>E. coli</i> cell. Store at 2-8°C	MBT127-10R MBT127-20R MBT127-40R	10r# 20r# 40r#

YOUR COMPLETE SOLUTION TO MOLECULAR RESEARCH & DIAGNOSTICS



Product

Code

Packing

Product

Code

Packing

PROTEOMICS

Protein Ladder

Prestained Protein Ladder

Prestained Protein Ladder is a three-color protein standard with 12 pre-stained proteins covering a wide range of molecular weights from 10 to 245 kDa when separated on SDS-PAGE (Tris-glycine buffer). The ladder is supplied in gel loading buffer and is ready to use.

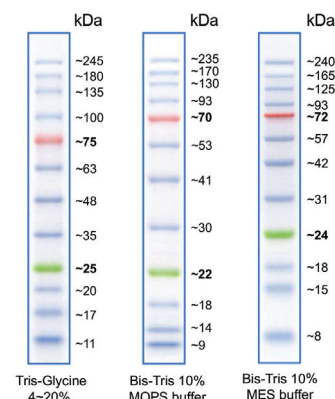
Recommended load: 5 µl/lane

MBT092-10LN

10In*
(50µl)

MBT092-100LN

100In*
(500µl)



Buffers & Chemicals for Protein Electrophoresis

2X Laemmli Buffer

Laemmli buffer is specially formulated for protein sample preparation to be used in the Laemmli SDS-PAGE system.

ML021-5X6ML

5X6ml

ML021-10X6ML

10X6ml

5X Laemmli Buffer

Laemmli buffer is specially formulated for protein sample preparation to be used in the Laemmli SDS-PAGE system.

ML121-5ML

5ml

ML121-10ML

10ml

5X Protein Loading Buffer (Reducing)

Store at -20°C

Used for protein sample preparation and loading

ML096-5ML

5ml

5X Protein Loading Buffer (Non-Reducing)

Used for protein sample preparation and loading

ML097-5ML

5ml

Acrylamide/Bis-acrylamide solution 30% (19:1)

Store at 2-8°C

ML036-100ML

100ml

ML036-500ML

500ml

Acrylamide/Bis-acrylamide solution 30% (29:1)

Store at 2-8°C

ML037-100ML

100ml

ML037-500ML

500ml

Acrylamide/Bis-acrylamide solution 30% (36.5:1)

Store at 2-8°C

ML038-100ML

100ml

ML038-500ML

500ml

Acrylamide/Bisacrylamide Solution 40% (37.5:1)

Store at 2-8°C

ML083-100ML

100ml

ML083-500ML

500ml

Acrylamide/Bisacrylamide Solution 40% (29:1)

Store at 2-8°C

ML084-100ML

100ml

ML084-500ML

500ml

Acrylamide/Bisacrylamide Solution 40% (19:1)

Store at 2-8°C

ML085-100ML

100ml

ML085-500ML

500ml

2.5X Tris-SDS Buffer (pH 8.8)

Used in SDS-PAGE

Store at 2-8°C

ML039-2X500ML

2X500ml

ML039-10X500ML

10X500ml

5X Tris-SDS Buffer (pH 6.8)

Used in SDS-PAGE

Store at 2-8°C

ML040-2X500ML

2X500ml

ML040-10X500ML

10X500ml

2X Urea Denaturing Gel Loading Buffer

Used for denaturing PAGE

Store at 2-8°C

ML176-1ML

1ml

Coloured Stacking Gel Buffer

Used in SDS-PAGE; improves visibility of wells & ease of loading

Store at 2-8°C

ML155-100ML

100ml

5X Tris-Glycine-SDS Gel Running Buffer

Used in SDS-PAGE

Store at 2-8°C

ML041-2X500ML

2X500ml

ML041-10X500ML

10X500ml

10X Tris-Glycine-SDS Gel Running Buffer

Used in SDS-PAGE

ML042-2X500ML

2X500ml

ML042-10X500ML

10X500ml

20X MOPS-SDS Running Buffer

Used in BIS - TRIS Gel

ML119-2X500ML

2X500ml

ML119-10X500ML

10X500ml

20X MES-SDS Running Buffer

Used in BIS - TRIS Gel

ML120-2X500ML

2X500ml

ML120-10X500ML

10X500ml

10X Tris acetate-SDS Running Buffer

Used in SDS-PAGE

ML113-2X500ML

2X500ml

ML113-10X500ML

10X500ml

10X Tris-Glycine Buffer, pH 8.3

Used in PAGE and Western Blotting

ML056-200ML

200ml

ML056-1L

1lt

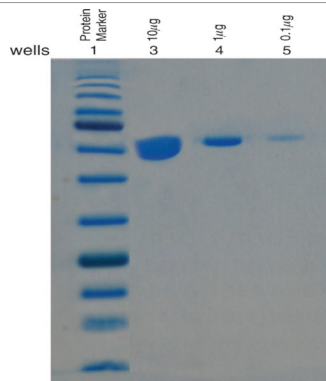
Coomassie® Brilliant Blue Stain

Used for staining of Protein gels

ML046-250ML

250ml

Product	Code	Packing
X-Press Blue™ Protein Stain (SafeBlue Protein Stain) Used for destaining-free staining of protein gels	ML091-100ML ML091-500ML ML091-1L	100ml 500ml 1lt



Gradients of BSA
ML091- X-Press Blue™ Protein Stain

* Staining time - 1 hour
* No Destaining required !

Hi-Zinc Stain Used for staining of Protein gels	ML057-125ML ML057-250ML	125ml 250ml
Hi-Zinc Destain Used for destaining of Protein gels	ML058-125ML ML058-250ML	125ml 250ml
Zinc Stain-Destain Kit (A pack containing 125 ml of each solution)	ML124-1PK	1pack
Silver Staining Kit Store at 2-8°C	ML123-1KT	1kit
Acrylamide For Molecular Biology For more details refer MB chemicals	MB068-25G MB068-100G MB068-500G MB068-1KG	25gm 100gm 500gm 1kg
Ammonium acetate For Molecular Biology For more details refer MB chemicals	MB033-100G MB033-500G	100gm 500gm
Ammonium persulphate For Molecular Biology For more details refer MB chemicals	MB003-25G MB003-100G MB003-500G	25gm 100gm 500gm
BIS-TRIS (Bis[2-hydroxyethyl]-amino-tris [hydroxymethyl] methane) For Molecular Biology For more details refer MB chemicals	MB006-25G MB006-100G	25gm 100gm

Bis-acrylamide For Molecular Biology For more details refer MB chemicals	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm
Bovine serum albumin (Nuclease and Protease free) For Molecular Biology For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
Coomassie® brilliant blue R-250 For Molecular Biology For more details refer MB chemicals	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Coomassie® brilliant blue G - 250 For Molecular Biology For more details refer MB chemicals	MB092-5G MB092-25G	5gm 25gm
DL-DTT (DL-Dithiothreitol) For Molecular Biology For more details refer MB chemicals	MB070-5G MB070-25G	5gm 25gm
Glycine For Molecular Biology For more details refer MB chemicals	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Imidazole For Molecular Biology For more details refer MB chemicals	MB019-100G MB019-500G	100gm 500gm
2-Mercaptoethanol For Molecular Biology For more details refer MB chemicals	MB041-100ML MB041-500ML	100ml 500ml
SDS For Molecular Biology For more details refer MB chemicals	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Silver nitrate For Molecular Biology For more details refer MB chemicals	MB156-10G MB156-25G MB156-100G	10gm 25gm 100gm
TEMED For Molecular Biology For more details refer MB chemicals	MB026-100ML	100ml

Reagents and Consumables for ELISA

Coating Buffer Used for Immobilization of Antigen or Antibody on ELISA plates	New DS0236-100ML DS0236-500ML	100ml 500ml
Assay Diluent Buffer Used as a dilution buffer	New DS0231-100ML DS0231-500ML	100ml 500ml
Streptavidin HRP Reagent	New DS0233-0.25ML DS0233-0.5ML	0.25ml 0.5ml
10X Wash Buffer Used as a Wash buffer at 1X concentration	New DS0230-100ML DS0230-500ML	100ml 500ml

10X TMB Substrate One component chromogenic substrate for HRP detection in ELISA. Store at 2-8°C	ML168-5ML ML168-50ML ML168-100ML	5ml 50ml 100ml
1X PBS Solution Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-5X100ML ML023-2X500ML ML023-6X500ML	5X100ml 2X500ml 6X500ml

Product	Code	Packing
10X TBS Tris Buffered Saline	ML029-5X100ML ML029-2X500ML ML029-6X500ML	5x100ml 2x500ml 6x500ml
10X TBST Mixture of Tris Buffered Saline and Tween®-20 Store at 2-8°C	ML088-1L	1lt
*Blocking Buffer (10% BSA in 1XPBS) New	ML183-100ML ML183-500ML	100ml 500ml
*Blocking Buffer (1% BSA in 1XPBS) New	ML184-100ML ML184-500ML	100ml 500ml
*Blocking Buffer (10% BSA in 1XTBS) New	ML185-100ML ML185-500ML	100ml 500ml
*Blocking Buffer (1% BSA in 1XTBS) New	ML186-100ML ML186-500ML	100ml 500ml
1M Sulphuric Acid New Used as a stop solution	ML187-100ML ML187-500ML	100ml 500ml
2M Sulphuric Acid New Used as a stop solution	ML188-100ML ML188-500ML	100ml 500ml

Product	Code	Packing
Bovine serum albumin (Nuclease and Protease free) For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
Tween® 20 For Molecular Biology For more details refer MB chemicals	MB067-100ML	100ml
Sodium carbonate anhydrous (Soda ash) For Molecular Biology For more details refer MB chemicals	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg
3,3',5,5'-Tetramethylbenzidine (TMB) For Molecular Biology For more details refer MB chemicals	MB122-1G MB122-5G	1gm 5gm
ELISA plates For more details see Page No. 644	EP2-5X10No EP2-10X10 No EP2-20X10 No	5x10No 10x10 No 20x10 No
Polypropylene sealing film For more details see Page No. 616	PR21-1X100 No	1x100 No

Reagents for Western Blotting

10X TBS Tris Buffered Saline	ML029-5X100ML ML029-2X500ML ML029-6X500ML	5x100ml 2x500ml 6x500ml
10X TBST Mixture of Tris Buffered Saline and Tween®-20 Store at 2-8°C	ML088-1L	1lt
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-5X100ML ML023-2X500ML ML023-6X500ML	5x100ml 2x500ml 6x500ml
1X PBS Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml
Protease inhibitor Cocktail Used in preserving cellular proteins Store at 2-8°C	ML051-1ML ML051-5ML	1ml 5ml
Ponceau-S stain Used for fixing of protein bands on membrane	ML045-250ML	250ml
Ponceau-S fixative Used for fixing of protein bands on membrane	ML052 -250ML	250ml
10X Tris- Glycine Buffer pH 8.3	ML056-200ML ML056-1L	200ml 1lt
10X Transfer buffer Store at 2-8°C	ML043-2X500ML ML043-10X500ML	2X500ml 10X500ml
Blocking Buffer Store at 2-8°C	ML044-100ML ML044-500ML	100ml 500ml
TMB Substrate Solution One component chromogenic substrate for HRP detection in Western Blotting. Store at 2-8°C	ML169-5ML ML169-50ML ML169-100ML	5ml 50ml 100ml

Stripping buffer	ML163-250ML ML163-500ML	250ml 500ml
0.5M CAPS, pH 10.5 New	ML182-100ML ML182-500ML	100ml 500ml
Bovin Serum Albumin For Molecular Biology For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
CAPS For Molecular Biology For more details refer MB chemicals	MB008-25G MB008-100G MB008-250G MB008-1KG	25gm 100gm 250gm 1kg
Gelatin from porcine skin, Type A For Molecular Biology For more details refer MB chemicals	MB169-500G	500gm
Glutaraldehyde solution, 25% w/w For Molecular Biology For more details refer MB chemicals	MB222-100ML	100ml
Glycine For Molecular Biology For more details refer MB chemicals	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Methanol For Molecular Biology For more details refer MB chemicals	MB113-100ML MB113-500ML	100ml 500ml
SDS For Molecular Biology For more details refer MB chemicals	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg

Product	Code	Packing
Tween® 20 For Molecular Biology For more details refer MB chemicals	MB067-100ML	100ml
Sodium Chloride For Molecular Biology For more details refer MB chemicals	MB023-500G MB023-1KG MB023-5KG	500gm 1kg 5kg
Avidin, From Egg white For Molecular Biology For more details refer MB chemicals	MB120-10MG MB120-100MG	10mg 100mg
Tris, Free base (Tris[hydroxymethyl] aminomethane) For Molecular Biology For more details refer MB chemicals	MB029-100G MB029-500G MB029-1KG MB029-5KG	100gm 500gm 1kg 5kg
Nitroblue Tetrazolium Chloride (NBT) For Molecular Biology For more details refer MB chemicals	MB107-100MG MB107-250MG MB107-1G	100mg 250mg 1gm
3,3',4,4'- Tetraaminobiphenyl tetrahydrochloride (DAB) For Molecular Biology For more details refer MB chemicals	MB121-1G MB121-5G	1gm 5gm

Product	Code	Packing
N,N-Dimethylformamide (DMF) For Molecular Biology For more details refer MB chemicals	MB036-250ML MB036-500ML	250ml 500ml
3,3',5,5'- Tetramethylbenzidine (TMB) For Molecular Biology For more details refer MB chemicals	MB122-1G MB122-5G	1gm 5gm
Sodium carbonate anhydrous (Soda ash) For Molecular Biology For more details refer MB chemicals	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg
Ponceau S sodium salt Electrophoretic stain For Molecular Biology For more details refer MB chemicals	MB096-25G	25gm

Kits/Reagents/Standards for Protein Estimation

Folin's Reagent Used for quantitative estimation of proteins	ML059-125ML ML059-250ML	125ml 250ml
Bradford Reagent Used for quantitative estimation of proteins Store at 2-8°C	ML106-100ML ML106-500ML	100ml 500ml
Biuret Reagent Used for quantitative estimation of proteins Store at 2-8°C	ML122-100ML ML122-500ML	100ml 500ml

Bradford Kit for Protein Estimation New used for quantitative estimation of proteins Store at 2-8°C	ML178-1PK	1pack
Protein Standards used in Bradford and Folin-Lowry assay for protein estimation. Store at -20°C	MBT129-10ML MBT129-25ML MBT129-50ML	10ml 25ml 50ml

Kits for Protein Purification & Crystallography

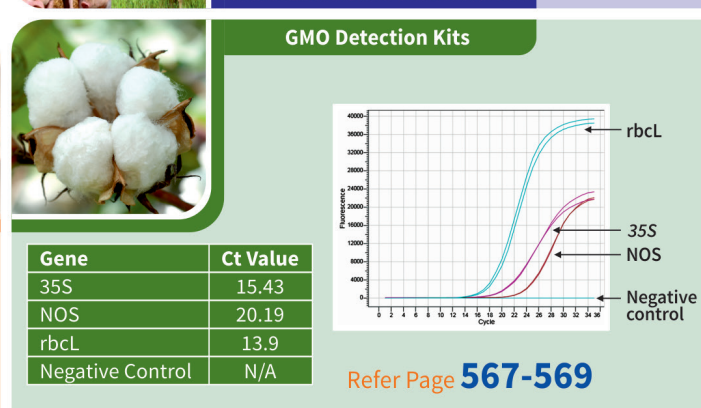
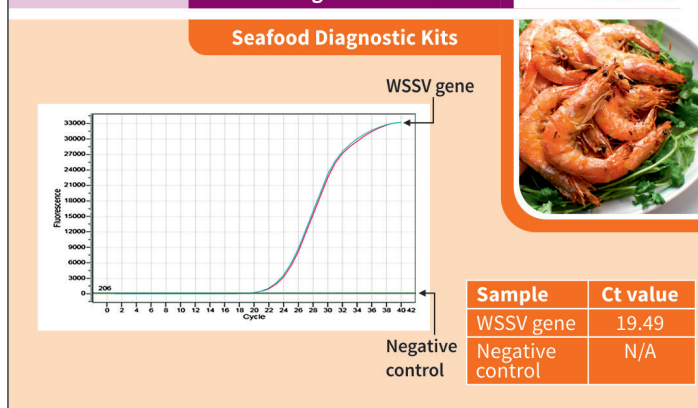
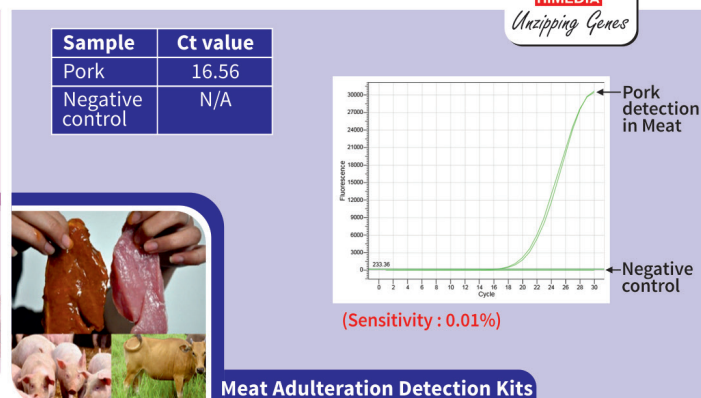
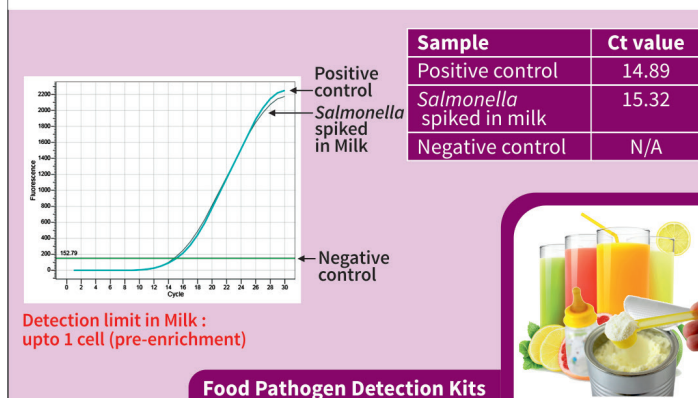
IgG Purification Kit (Protein A Based) The IgG Purification Kit (Protein A Based) is based on the affinity of IgG to immobilized Protein A agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein A and is recovered by elution.		
IgG Purification Kit (Protein A Based, Gravity Flow) Store at 2-8°C	MBPP001-2NO MBPP001-5NO	2no 5no
IgG Purification Kit (Protein A Based, Spin Column) Store at 2-8°C	MBPP001SP-5NO MBPP001SP-25NO	5no 25no
IgG Purification Kit (Protein G Based) The IgG Purification Kit (Protein G Based) is based on the affinity of IgG to immobilized Protein G agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein G and is recovered by elution.		

IgG Purification Kit (Protein G Based, Gravity Flow) Store at 2-8°C	MBPP002-2NO MBPP002-5NO	2no 5no
IgG Purification Kit (Protein G Based, Spin Column) Store at 2-8°C	MBPP002SP-5NO MBPP002SP-25NO	5no 25no
IgG Purification Kit (Protein L Based) The IgG Purification Kit (Protein L Based) is based on the affinity of IgG to immobilized Protein L agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein L and is recovered by elution.		
IgG Purification Kit (Protein L Based, Gravity Flow) Store at 2-8°C	MBPP004-2NO MBPP004-5NO	2no 5no

Product	Code	Packing
IgG Purification Kit (Protein L Based, Spin Column) Store at 2-8°C	MBPP004SP-5NO MBPP004SP-25NO	5no 25no
GST-Tagged Bacterial Protein Purification Kit The GST-Tagged Bacterial Protein Purification Kit enables efficient purification of recombinant proteins fused to Glutathione S-Transferase (GST) and expressed in bacteria. The GST-fusion protein is adsorbed from the bacterial cell lysate on the Glutathione agarose column and finally recovered by elution.		
GST-Tagged Bacterial Protein Purification Kit (Gravity Flow) Store at 2-8°C	MBPP003-2NO MBPP003-5NO	2no 5no
GST-Tagged Bacterial Protein Purification Kit (Spin Column) Store at 2-8°C	MBPP003SP-5NO MBPP003SP-25NO	5no 25no

Product	Code	Packing
HIS-Tagged Bacterial Protein Purification Kit The HIS-Tagged Bacterial Protein Purification Kit enables efficient purification of recombinant proteins fused to 6X HIS and expressed in bacteria. The tagged protein is adsorbed from the bacterial cell lysate on the nickel agarose column and finally recovered by elution.		
HIS-Tagged Bacterial Protein Purification Kit (Gravity Flow) Store at 2-8°C	MBPP005-2NO MBPP005-5NO	2no 5no
HIS-Tagged Bacterial Protein Purification Kit (Spin Column) Store at 2-8°C	MBPP005SP-5NO MBPP005SP-25NO	5no 25no
Protein Crystallography		
Protein Crystallization Kit (1 Pack contains 10 ml of each reagent) The Kit provides all the reagents required for rapid screening to determine the appropriate condition for crystallization of purified protein samples. Store at 15-25°C	MBPC001-1PK	1pack

Food Diagnostics (Real Time PCR)


Refer Page **567-569**

Product

Code

Packing

Product

Code

Packing

HEMATOLOGY KITS

Sickle Cell Anemia Detection Kits

These kits are developed for diagnosis of Sickle Cell Anemia Disease.

Primary Screening (Turbidity based)

This kit is developed for screening of Sickle Cell Anemia, based on solubility difference between HbS and HbA

Hi-Super Speed Sickle Kit (Solubility Test for detection of Hemoglobin 'S') [Pre-weighed reagent mix for five tests in one tube]	MBP006-50TST	50 tests
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Secondary Screening (Centrifugation based)

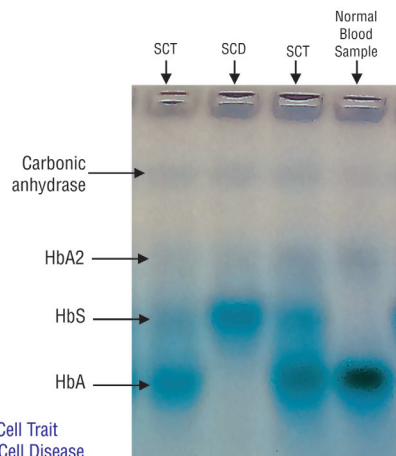
This kit is based on the solubility difference between HbS and HbA. This kit has an added advantage for partial distinction between Homozygous and Heterozygous in sickle cell anemia patients.

Hi-Speed Sickle Kit (Centrifugation based detection of Hemoglobin 'S') On receipt store at 2 - 8°C	MBP003-50TST	50 tests
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Confirmatory Kits

Alkaline Hemoglobin Electrophoresis Kit This kit is intended for discrimination of hemoglobin variants using alkaline gel electrophoresis. It is a confirmatory tool for detection of sickle cell anemia.	MBP001-112 RUNS MBP001-224 RUNS	112 runs (4 Gels) 224 runs (8 Gels)
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Alkaline Hemoglobin Electrophoresis Kit (No Destaining Required) This kit is intended for discrimination of hemoglobin variants using alkaline gel electrophoresis. This method requires no destaining for discrimination of Hemoglobin variants. It is a confirmatory tool for detection of sickle cell anemia.	MBP008-224 RUNS	224 runs (8 Gels)
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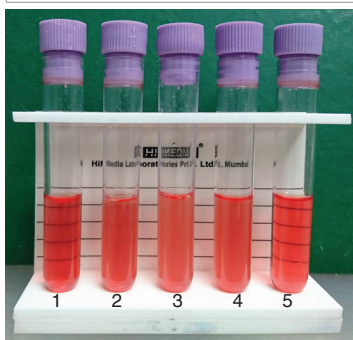
MBP008 - Alkaline Hemoglobin Electrophoresis Kit (No Destaining Required)

Thalassemia Detection Kit

These kits are developed for diagnosis of Thalassemia.

Screening Test

Hi- Thal Kit This is a screening kit for Thalassemia	New MBP010-50TST	50tst
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Result for Hi-Thal Kit

Tube 1 -	Negative Blood Sample for Thalassemia
Tube 2, 3 & 4 -	Positive Blood Sample for Thalassemia
Tube 5 -	Negative Blood Sample for Thalassemia

Thalassemia Detection Kit (PCR Based) (Also see page no. 565)

Beta-Thalassemia Detection Kit (Multiplex) This Multiplex kit is intended for specific and accurate detection of Beta-Thalassemia in Asian population. Store at -20°C	MBPCR014-10R MBPCR014-25R MBPCR014-50R	10r# 25r# 50r#
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Beta-Thalassemia Detection Kit (Uniplex) This Uniplex kit is intended for specific and accurate detection of mutant and normal Beta-Thalassemia in Asian population. Store at -20°C	MBPCR014A-10R MBPCR014A-25R MBPCR014A-50R	10r# 25r# 50r#
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Product

Code

Packing

Product

Code

Packing

LATEX AGGLUTINATION TEST KITS

Latex test kits enable rapid detection by latex agglutination for confirmation of presumptive pathogens.

HiClostridium difficile Latex Test Kit Organism : <i>Clostridium difficile</i> cultured Source : From selective media culture plate Store at 2-8°C	LK01-25NO LK01-50NO	25no 50no
HiSalmonella™ Latex Test Kit Organism : <i>Salmonella</i> Source : From selective media culture plate Store at 2-8°C	LK02-25NO LK02-50NO	25no 50no
HiStaph Latex Test Kit Organism : <i>Staphylococcus aureus</i> Source : From selective media culture plate Store at 2-8°C	LK03-50NO LK03-100NO	50no 100no
HiLegionella Latex Test Kit Organism : <i>Legionella pneumophila</i> Source : From selective media culture plate Store at 2-8°C	LK04-25NO LK04-50NO	25no 50no

HiStrep™ Latex Test Kit Organism : <i>Streptococci</i> of Lancefield groups A, B, C, D, F and G Source : From selective media culture plate Store at 2-8°C	LK06-25NO LK06-50NO	25no 50no
HiListeria™ Latex Test Kit Organism : <i>Listeria spp.</i> Source : From selective media culture plate Store at 2-8°C	LK07-25NO LK07-50NO	25no 50no
HiRotavirus Latex Test Kit Organism : Rotavirus antigen Source : From selective media culture plate Store at 2-8°C	LK08-10NO LK08-25NO LK08-50NO	10no 25no 50no
HiE.coli™ Latex Test Kit Organism : <i>E.coli</i> serotype O157 Source : From selective media culture plate Store at 2-8°C	LK13-50NO	50no

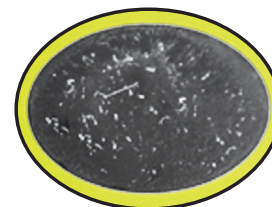
Latex agglutination test



1. Negative Control



2. Positive Control



3. Test Sample

Refer Page 711



PCR on the **Go...**
with Car Charger Adapter

Wee Series

PCR MACHINE LIKE NEVER SEEN BEFORE

Ultralight Sleek Compact 3Kg & Wi-Fi Enabled



EXCEPTIONAL FEATURES

- Ramp rate 5°C/s
- Touch screen
- Wifi Module Built-in
- Big Storage Capacity
- USB communication Port

EFFORTLESS, INTUITIVE PROGRAMMING & OPERATION

- Powerful software
- Easy to learn
- Easy to use, even for new operators

UNMATCHED THERMAL PERFORMANCE

- Superior Accuracy ($\leq \pm 0.2^\circ\text{C}$)
- Best in Class Uniformity ($\leq \pm 0.2^\circ\text{C}$)



Your perfect choice for complete range of instant nucleic acid and protein purification, faster amplification and quicker detection needs in molecular research and diagnostics.



MOLECULAR BIOLOGY CHEMICALS

MOLECULAR BIOLOGY CHEMICALS PRODUCTS

Product **Page 586-600**

MB Chemicals for Multiple applications

- Nucleic acid and protein extraction/purification
 - i. Phenols
 - ii. Detergents
 - iii. Denaturants
 - iv. Chaotropic agents
 - v. Reducing agents
- Solvents
- Enzymes
- Agar
- Antibiotics
- Nucleic acids
- Proteins and amino acids
- MB Chemicals for Chromatography
- MB Chemicals for Gel electrophoresis
- Dyes and stains
 - i. Nucleic acids
 - ii. Proteins
- MB Chemicals for Density gradient centrifugation
- Polymers
- Chromogenic substrates
- Substrates for ELISA and Western blotting
- Inorganic salts
- Sugars and polysaccharides
- Good's buffers





For Molecular Biology research experiments highest quality chemicals are a prerequisite to ensure exact and reproducible results as traces of chemical impurities can interfere in the results or during the analysis.



WHY TO USE MB GRADE CHEMICALS..

MOLECULAR BIOLOGY PRODUCTS

www.himedialabs.com

ULTRA MODERN CHEMICALS TESTING FACILITY



Physical Parameters

RNase Detection →

DNase Detection →



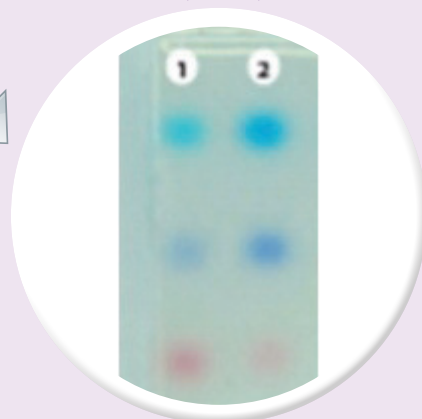
Nuclease Testing

**QC Testing
Parameters of
MB Chemicals**



**Chemical
Parameters**

HiMedia
↓
Competitor
↓



**Functional Testing
(Glycerol Testing Assay)**

MOLECULAR BIOLOGY CHEMICALS

Product	Code	Packing
ACES (N-[2-Acetamido]-2-aminoethane-sulfonic acid) For Molecular Biology $C_8H_{10}N_2O_6S$ MW : 182.2 CAS : 7365-82-4 Assay : $\geq 99\%$ Store below 30°C	MB001-5G MB001-25G MB001-100G	5gm 25gm 100gm
ADP disodium salt For Molecular Biology $C_{10}H_{13}N_2Na_2O_{10}P_2$ MW : 471.16 CAS : 16178-48-6 Assay : $\geq 95\%$ Store at 2 - 8°C	MB191-1G MB191-5G	1gm 5gm
Acetamide (Amide C_2) For Molecular Biology C_2H_5NO MW : 59.07 CAS : 60-35-5 Assay : $\geq 99\%$ Store below 30°C	MB051-100G	100gm
Acetic acid For Molecular Biology $C_2H_4O_2$ MW : 60.05 CAS : 64-19-7 Assay : $\geq 99.7\%$ Store below 30°C	MB052-500ML	500ml
Acetone For Molecular Biology CH_3COCH_3 MW : 58.08 CAS : 67-64-1 Assay : $\geq 99.5\%$ Store below 30°C	MB179-500ML MB179-2.5L	500 ml 2.5lt
Acetonitrile For Molecular Biology CH_3CN MW : 41.05 CAS : 75-05-8 Assay : $\geq 99.9\%$ Store below 30°C	MB159-500ML	500ml
Acridine orange For Molecular Biology C.I. No. : 46005 $C_{17}H_{12}ClN_3.HCl \cdot \frac{1}{2}ZnCl_2$ MW : 369.96 CAS : 10127-02-3 Store below 30°C	MB116-10G MB116-25G	10gm 25gm
Acriflavine, Neutral For Molecular Biology C.I. No. : 46000 $C_{14}H_{14}ClN_3$ MW : 259.73 CAS : 8048-52-0 Store below 30°C	MB217-100G	100gm

Product	Code	Packing
Acrylamide For Molecular Biology C_3H_5NO MW : 71.08 CAS : 79-06-1 Assay : $\geq 99.9\%$ Store below 30°C	MB068-25G MB068-100G MB068-500G MB068-1KG	25gm 100gm 500gm 1kg
Agar powder For Molecular Biology CAS : 9002-18-0 Store below 30°C	MB053-100G MB053-500G MB053-1KG	100gm 500gm 1kg
Agarose DNA grade, low melting For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB080-10G MB080-100G	10gm 100gm
Agarose For Pulse Field Gel Electrophoresis (PFGE) For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB094-100G MB094-500G MB094-1KG	100gm 500gm 1kg
Agarose special, High EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB176-10G MB176-100G MB176-500G	10gm 100gm 500gm
Agarose special, Low EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB002-10G MB002-50G MB002-100G MB002-500G MB002-1KG	10gm 50gm 100gm 500gm 1kg
Agarose special, Medium EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB175-10G MB175-100G MB175-1KG	10gm 100gm 1kg
Agarose, Ultrapure, Low EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB229-50G MB229-100G MB229-500G MB229-1KG	50gm 100gm 500gm 1kg
Alcian blue 8GX For Molecular Biology $C_{56}H_{68}Cl_4CuN_{16}S_4$ Cl No. : 74240 MW : 1298.86 CAS : 33864-99-2 Store below 30°C	MB185-25G MB185-50G	25gm 50gm

Product	Code	Packing
Amaranth For Molecular Biology $C_{20}H_{11}N_2Na_2O_{10}S_3$ MW : 604.47 CAS : 915-67-3 Store below 30°C	MB173-25G MB173-100G	25gm 100gm
Amido black 10B For Molecular Biology $C_{22}H_{14}N_6Na_2O_9S_2$ MW : 616.49 CAS : 1064-48-8 Store below 30°C	MB165-25G MB165-100G	25gm 100gm
Ammonium acetate For Molecular Biology $C_2H_7NO_2$ MW : 77.08 CAS : 631-61-8 Assay : ≥98% Store below 30°C	MB033-100G MB033-500G	100gm 500gm
Ammonium chloride For Molecular Biology NH_4Cl MW : 53.49 CAS : 12125-02-9 Assay : ≥99.5% Store below 30°C	MB054-500G	500gm
di-Ammonium hydrogen citrate For Molecular Biology $C_6H_{11}N_2O_7$ MW : 226.18 CAS : 3012-65-5 Assay : ≥ 99% Store below 30°C	MB184-500G	500gm
Ammonium molybdate tetrahydrate For Molecular Biology $(NH_4)_6Mo_7O_{24} \cdot 4H_2O$ MW : 1235.86 CAS : 12054-85-2 Assay : ≥99% Store below 30°C	MB249-100G MB249-500G	100gm 500gm
Ammonium persulphate For Molecular Biology $(NH_4)_2S_2O_8$ MW : 228.2 CAS : 7727-54-0 Assay : ≥98% Store below 30°C	MB003-25G MB003-100G MB003-500G	25gm 100gm 500gm
Ammonium phosphate dibasic For Molecular Biology $(NH_4)_2HPO_4$ MW : 132.06 CAS : 7783-28-0 Assay : ≥ 98% Store below 30°C	MB192-500G	500gm
Ammonium phosphate monobasic For Molecular Biology $NH_4H_2PO_4$ MW : 115.03 CAS : 7722-76-1 Assay : ≥ 99% Store below 30°C	MB193-500G	500gm

Product	Code	Packing
Ammonium sulphate For Molecular Biology $(NH_4)_2SO_4$ MW : 132.14 CAS : 7783-20-2 Assay : ≥99% Store below 30°C	MB004-250G MB004-500G	250gm 500gm
Ammonium thiocyanate For Molecular Biology NH_4SCN MW : 76.12 CAS : 1762-95-4 Assay : ≥ 99% Store below 30°C	MB260-500G	500gm
Ampicillin sodium salt For Molecular Biology $C_{16}H_{18}N_3NaO_4S$ MW : 371.39 CAS : 69-52-3 Assay : ≥91% Store at 2 - 8°C	MB104-1G MB104-5G	1gm 5gm
Aprotinin, From bovine lung For Molecular Biology $C_{284}H_{432}N_{98}O_{79}S_7$ MW : 6511.14 CAS : 9087-70-1 Specific activity : ≥3.0 PEU/mg (≥5400 KIU/mg) Store at 2 - 8°C	MB119-50MG MB119-100MG	50mg 100mg
Avidin, From egg white For Molecular Biology MW : ~68,000 CAS : 1405-69-2 Activity : ≥10U/mg of protein Store at 2 - 8°C	MB120-10MG MB120-100MG	10mg 100mg
2,2'-Azino-bis (3-ethylbenzothiazoline-6-sulfonic acid) diammonium salt For Molecular Biology $C_{18}H_{24}N_6O_6S_4$ MW : 548.68 CAS : 30931-67-0 Assay : ≥98% Store below 30°C	MB255-1G	1gm
BES buffer For Molecular Biology $C_8H_{15}NO_5S$ MW : 213.25 CAS : 10191-18-1 Assay : ≥99.5% Store below 30°C	MB118-25G MB118-100G	25gm 100gm
BIS-TRIS (Bis[2-hydroxyethyl]-amino-tris [hydroxymethyl] methane) For Molecular Biology $C_8H_{19}NO_5$ MW : 209.24 CAS : 6976-37-0 Assay : ≥98.0% Store below 30°C	MB006-25G MB006-100G	25gm 100gm
Barbituric acid For Molecular Biology $C_4H_4N_2O_3$ MW : 128.09 CAS : 67-52-7 Assay : ≥ 99% Store below 30°C	MB117-100G MB117-500G	100gm 500gm

Product	Code	Packing
Bicine For Molecular Biology $C_4H_8N_2O_4$ MW : 163.17 CAS : 150-25-4 Assay : ≥99% Store below 30°C	MB133-25G MB133-100G MB133-500G	25gm 100gm 500gm
Bis-acrylamide [see: N,N'-Methylene-bis(acrylamide)] For Molecular Biology $C_8H_{10}N_2O_2$ MW : 154.17 CAS : 110-26-9 Assay : ≥99% Store below 30°C	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm
Biuret For Molecular Biology $C_4H_8N_2O_2$ MW : 103.08 CAS : 108-19-0 Assay : ≥97% Store below 30°C	MB136-25G MB136-100G	25gm 100gm
Blue dextran From <i>Leuconostoc mesenteroides</i> For Molecular Biology Av. MW.: 2,000,000 CAS : 87915-38-6 Store below 30°C	MB137-1G	1gm
Borax For Molecular Biology $Na_2B_4O_7 \cdot 10H_2O$ MW : 381.37 CAS : 1303-96-4 Assay : ≥99.5% Store below 30°C	MB259-500G	500gm
Boric acid For Molecular Biology H_3BO_3 MW : 61.83 CAS : 10043-35-3 Assay : ≥99.8% Store below 30°C	MB007-500G MB007-1KG	500gm 1kg
Bovine serum albumin (Nuclease and Protease free) For Molecular Biology CAS : 9048-46-8 Assay : ≥98% protein Store at 2 - 8°C	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
Brilliant blue R - 250 (see: Coomassie® brilliant blue R-250) For Molecular Biology C.I.No.: 42660 $C_{45}H_{44}N_3NaO_7S_2$ MW : 825.97 CAS : 6104-59-2 Store below 30°C	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Bromophenol blue For Molecular Biology $C_{19}H_{10}Br_4O_5S$ MW : 669.96 CAS : 115-39-9 Store below 30°C	MB123-5G MB123-25G	5gm 25gm

Product	Code	Packing
Bromothymol blue For Molecular Biology $C_{27}H_{26}Br_4O_5S$ MW : 624.38 CAS : 76-59-5 Store below 30°C	MB196-5G MB196-50G	5gm 50gm
1-Butanol (n-Butyl alcohol) For Molecular Biology $C_4H_{10}O$ MW : 74.12 CAS : 71-36-3 Assay : ≥99.5% Store below 30°C	MB055-500ML	500ml
2-Butanol For Molecular Biology $C_4H_{10}O$ MW : 74.12 CAS : 78-92-2 Assay : ≥99% Store below 30°C	MB056-500ML	500ml
CAPS (3-[Cyclohexylamino]-1-propanesulphonic acid) For Molecular Biology $C_9H_{19}NO_3S$ MW : 221.32 CAS : 1135-40-6 Assay : ≥99% Store below 30°C	MB008-25G MB008-100G MB008-250G MB008-1KG	25gm 100gm 250gm 1kg
CHAPS For Molecular Biology $C_{32}H_{58}N_2O_7S$ MW : 614.88 CAS : 75621-03-3 Assay : ≥98% Store below 30°C	MB084-1G MB084-5G MB084-10G	1gm 5gm 10gm
Calcium chloride dihydrate For Molecular Biology $CaCl_2 \cdot 2H_2O$ MW : 147.01 CAS : 10035-04-8 Assay : ≥99% Store below 30°C	MB034-100G MB034-500G	100gm 500gm
Carbinol For Molecular Biology CH_3OH MW : 32.04 CAS : 67-56-1 Assay : ≥99.9% Store below 30°C	MB154-100ML MB154-500ML	100ml 500ml
Carboxymethylcellulose sodium salt, Medium viscosity (CMC) For Molecular Biology Viscosity : 400 - 800cP CAS : 9004-32-4 (1% in water) Store below 30°C	MB138-100G	100gm
Cefotaxime sodium salt For Molecular Biology $C_{16}H_{16}N_4NaO_7S_2$ MW : 477.45 CAS : 64485-93-4 Assay : ≥98% Store at 2 - 8°C	MB134-1G MB134-5G MB134-10G MB134-25G	1gm 5gm 10gm 25gm

Product	Code	Packing
Cellulose powdered For Molecular Biology CAS : 9004-34-6 Assay : ≥97% Store below 30°C	MB132-500G	500gm
Cesium chloride For Molecular Biology CsCl MW : 168.36 Assay : ≥99.5% Store below 30°C CAS : 7647-17-8	MB049-100G MB049-500G	100gm 500gm
CTAB (N-Cetyl-N,N,N-trimethylammonium bromide) For Molecular Biology C ₁₈ H ₄₂ BrN MW : 364.45 Assay : ≥99% Store below 30°C CAS : 57-09-0	MB101-100G MB101-500G	100gm 500gm
Cetrimide For Molecular Biology C ₁₇ H ₃₅ BrN MW : 336.4 Assay : ≥96% Store below 30°C CAS : 8044-71-1	MB230-100G MB230-500G	100gm 500gm
Cetyldimethylethylammonium bromide For Molecular Biology C ₂₀ H ₄₄ BrN MW : 378.47 Assay : ≥ 98% Store at 2 - 8°C CAS : 124-03-8	MB227-100G	100gm
Charcoal activated powder For Molecular Biology CAS : 7440-44-0 Av. MW : 12.01 Store below 30°C	MB261-100G MB261-250G MB261-500G	100gm 250gm 500gm
Chelex®-100 Sodium form (50-100 Mesh) For Molecular Biology Cation exchange resin Av. MW : 3500 Mesh size : 50-100 (dry) Store below 30°C CAS : 11139-85-8	MB160-25G	25gm
1-Chloro-2,4-dinitrobenzene For Molecular Biology C ₆ H ₃ ClN ₂ O ₄ MW : 202.55 Assay : ≥ 99% Store below 30°C CAS : 97-00-7	MB216-500G	500gm
Chloroform For Molecular Biology CHCl ₃ MW : 119.38 Assay : ≥99.8% Store below 30°C CAS : 67-66-3	MB109-100ML MB109-500ML	100ml 500ml
Chloroform : Isoamyl alcohol (24:1) For Molecular Biology Store below 30°C	MB115-100ML MB115-500ML	100ml 500ml

Product	Code	Packing
CM-Cellulose CM32 (dry macro granular) for cation exchange For Molecular Biology CAS : 9000-11-7 Store below 30°C	MB248-500G MB248-1KG	500gm 1kg
Citric acid anhydrous For Molecular Biology C ₆ H ₈ O ₇ MW : 192.12 Assay : ≥99.5% Store below 30°C CAS : 77-92-9	MB174-500G	500gm
Citric acid trisodium salt dihydrate For Molecular Biology C ₆ H ₅ O ₇ Na ₃ ·2H ₂ O MW : 294.1 Assay : ≥99% Store below 30°C CAS : 6132-04-3	MB035-500G	500gm
Coomassie® brilliant blue G - 250 For Molecular Biology C.I.No.: 42655 C ₄₇ H ₄₈ N ₃ NaO ₇ S ₂ MW : 854.02 Store below 30°C CAS : 6104-58-1	MB092-5G MB092-25G	5gm 25gm
Coomassie® brilliant blue R - 250 (see: Brilliant Blue R-250) For Molecular Biology C.I.No.: 42660 C ₄₈ H ₄₄ N ₃ NaO ₇ S ₂ MW : 825.97 Store below 30°C CAS : 6104-59-2	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Copper (II) sulphate pentahydrate For Molecular Biology CuSO ₄ ·5H ₂ O MW : 249.69 Assay : ≥99.5% Store below 30°C CAS : 7758-99-8	MB238-100G MB238-500G	100gm 500gm
Cupric acetate monohydrate For Molecular Biology (CH ₃ COO) ₂ Cu·H ₂ O MW : 199.65 Assay : ≥98.0% Store below 30°C CAS : 6046-93-1	MB252-50G MB252-100G MB252-500G	50gm 100gm 500gm
DAPI dihydrochloride (4',6-Diamidino-2-phenylindole dihydrochloride) For Molecular Biology C ₁₆ H ₁₅ N ₅ ·2HCl MW : 350.25 Assay : ≥95% Store at 2 - 8°C CAS : 28718-90-3	MB097-10MG MB097-25MG	10mg 25mg
DEAE Cellulose - 52 (Diethylaminoethyl-cellulose) fine mesh For Column chromatography For Molecular Biology CAS : 9013-34-7 Store below 30°C	MB110-5G MB110-25G MB110-100G	5gm 25gm 100gm

Product	Code	Packing
DEAE Dextran For Molecular Biology Av. MW : 500000 CAS : 9015-73-0 Store below 30°C	MB145-25G MB145-100G	25gm 100gm
DEAE-Sephadex® A-50 For Molecular Biology CAS : 39455-31-7 Store below 30°C	MB111-10G MB111-50G MB111-100G	10gm 50gm 100gm
DEPC (Diethyl pyrocarbonate) For Molecular Biology $C_8H_{10}O_5$ MW : 162.14 CAS : 1609-47-8 Assay : ≥99% Store at 2 - 8°C	MB076-25ML MB076-100ML	25ml 100ml
DL-DTT (DL-Dithiothreitol) For Molecular Biology $C_4H_{10}O_2S_2$ MW : 154.25 CAS : 3483-12-3 Assay : ≥99% Store at 2 - 8°C	MB070-5G MB070-25G	5gm 25gm
Deoxyribonuclease I From bovine pancreas For Molecular Biology E.C.No. : 3.1.21.1 MW : ~31 kDa CAS : 9003-98-9 Activity : ≥400units/mg (Kunitz) Store at -20°C	MB085-3750U MB085-37500U MB085-75000U	3750u 37500u 75000u
Deoxyribonucleic acid sodium salt From calf thymus, highly polymerised For Molecular Biology CAS : 73049-39-5 Store at 2 - 8°C	MB103-50MG MB103-100MG MB103-500MG	50mg 100mg 500mg
Dextran For Molecular Biology ($C_6H_{10}O_5$) Av. MW : 10,000 CAS : 9004-54-0 Store below 30°C	MB221-100G	100gm
Dextran sulfate sodium salt From <i>Leuconostoc</i> spp. For Molecular Biology MW : ~ 5,00,000 CAS : 9011-18-1 Store at : 2 - 8°C	MB146-5G MB146-25G MB146-100G	5gm 25gm 100gm
Diluent for DNA Extraction (For Molecular Biology) Assay : ≥99.8% Store below 30°C	MB228-100ML MB228-500ML MB228-10x500ML	100ml 500ml 10x500ml
N,N-Dimethylformamide (DMF) For Molecular Biology C_3H_7NO MW : 73.09 CAS : 68-12-2 Assay : ≥99% Store below 30°C	MB036-250ML MB036-500ML	250ml 500ml

Product	Code	Packing
Dimethyl sulphoxide (DMSO) For Molecular Biology C_2H_6OS MW : 78.13 CAS : 67-68-5 Assay : ≥99.5% Store below 30°C	MB058-100ML MB058-500ML	100ml 500ml
3-(4,5- Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide (see : MTT; Thiazolyl blue) For Molecular Biology $C_{18}H_{16}BrN_8S$ MW : 414.32 CAS : 298-93-1 Assay : ≥ 98% Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
3,5-Dinitrosalicylic acid For Molecular Biology $C_7H_4N_2O_7$ MW : 228.12 CAS : 609-99-4 Assay : ≥98% Store below 30°C	MB232-25G MB232-100G	25gm 100gm
1,4-Dithioerythritol (DTE) For Molecular Biology $C_4H_{10}O_2S_2$ MW : 154.25 CAS : 6892-68-8 Assay : ≥99% Store at 2 - 8°C	MB125-1G MB125-5G	1gm 5gm
Dodecyl sulphate sodium salt (see: SDS; Lauryl sulphate sodium salt) For Molecular Biology $C_{12}H_{25}NaO_4S$ MW : 288.38 CAS : 151-21-3 Assay : ≥99% Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
EDTA disodium salt dihydrate For Molecular Biology $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW : 372.24 CAS : 6381-92-6 Assay : ≥99% Store below 30°C	MB011-500G MB011-1KG	500gm 1kg
EGTA (Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid) For Molecular Biology $C_{14}H_{24}N_4O_{10}$ MW : 380.35 CAS : 67-42-5 Assay : ≥99% Store below 30°C	MB130-10G	10gm
Ethidium bromide For Molecular Biology $C_{21}H_{20}BrN_3$ MW : 394.31 CAS : 1239-45-8 Assay : ≥95% Store below 30°C	MB071-1G MB071-5G	1gm 5gm
Ethidium bromide solution (10mg/ml) For Molecular Biology $C_{21}H_{20}BrN_3$ MW : 394.31 CAS : 1239-45-8 Assay : ≥95% Store at 2-8°C	MB074-10ML	10ml

Product	Code	Packing
Fast Green FCF For Molecular Biology C. I. No. : 42053 $C_{37}H_{34}N_2O_{10}S_3Na_2$ MW : 808.85 CAS : 2353-45-9 Store below 30°C	MB187-10G MB187-25G	10gm 25gm
Ferric chloride anhydrous For Molecular Biology $FeCl_3$ MW : 162.2 CAS : 7705-08-0 Assay : ≥98% Store below 30°C	MB254-50MG MB254-1G MB254-5G	50mg 1gm 5gm
Ficoll ▶ 400 For Molecular Biology Av. MW : 400000 CAS : 26873-85-8 Store below 30°C	MB167-5G MB167-25G	5gm 25gm
Formaldehyde sol., 37% (Formalin; Methanal) For Molecular Biology CH_2O MW : 30.03 CAS : 50-00-0 Assay : 37-41% Store below 30°C	MB059-500ML	500ml
Formamide (Liquid) Forms a clear colourless solution in water (10%) For Molecular Biology $CONH_2$ MW : 45.04 CAS : 75-12-7 Assay : ≥99.5% Store below 30°C	MB012-500ML MB012-1L	500ml 1lt
D-(-)-Fructose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 57-48-7 Assay : ≥ 99% Store below 30°C	MB197-100G MB197-500G MB197-1KG	100gm 500gm 1kg
D-(+)-Galactose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 59-23-4 Assay : ≥ 99% Store below 30°C	MB177-100G MB177-500G MB177-1KG	100gm 500gm 1kg
Gelatin from porcine skin, Type A For Molecular Biology Assay : 70-90% Protein (Biuret) CAS : 9000-70-8 Store below 30°C	MB169-500G	500gm
D-(+)-Glucose anhydrous For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 50-99-7 Assay : ≥99.5% Store below 30°C	MB037-100G MB037-500G	100gm 500gm

Product	Code	Packing
Glutaraldehyde Solution, 25% w/w For Molecular Biology $C_5H_8O_2$ MW : 100.12 CAS : 111-30-8 Concentration : 24.5-30 % Store at 2 - 8°C	MB222-100ML	100ml
L-Glutathione reduced For Molecular Biology $C_{10}H_{17}N_3O_6S$ MW : 307.32 CAS : 70-18-8 Assay : ≥98% Store at 2 - 8°C	MB166-1G MB166-5G MB166-25G MB166-100G	1gm 5gm 25gm 100gm
Glycerol (1,2,3-Propanetriol) For Molecular Biology $C_3H_8O_3$ MW : 92.09 CAS : 56-81-5 Assay : ≥99.5% Store below 30°C	MB060-500ML MB060-1L	500ml 1lt
Glycine For Molecular Biology $C_2H_5NO_2$ MW : 75.07 CAS : 56-40-6 Assay : ≥99% Store below 30°C	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Glycogen (From Oysters) Type II For Molecular Biology $(C_6H_{10}O_5)_n$ CAS : 9005-79-2 Total sugar : ≥90% Store at 2 - 8°C	MB164-1G MB164-5G MB164-25G	1gm 5gm 25gm
Guanidine hydrochloride For Molecular Biology CH_5N_3HCl MW : 95.53 CAS : 50-01-1 Assay : ≥99% Store below 30°C	MB014-25G MB014-100G MB014-500G	25gm 100gm 500gm
Guanidine thiocyanate (Guanidine isothiocyanate) For Molecular Biology CH_5N_3CHNS MW : 118.16 CAS : 593-84-0 Assay : ≥99% Store below 30°C	MB015-25G MB015-100G MB015-500G MB015-1KG	25gm 100gm 500gm 1kg
Guanine For Molecular Biology $C_5H_4N_6O$ MW : 151.13 CAS : 73-40-5 Assay : ≥ 98% Store at 2 - 8°C	MB213-50G	50gm
HEPES [N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulphonic acid)] For Molecular Biology $C_8H_{16}N_2O_6S$ MW : 238.3 CAS : 7365-45-9 Assay : ≥99.5% Store below 30°C	MB016-25G MB016-100G MB016-500G	25gm 100gm 500gm

Product	Code	Packing
HEPES, low sodium For Molecular Biology $C_8H_{18}N_2O_4S$ MW : 238.31 CAS : 7365-45-9 Assay : $\geq 99.5\%$ Store below 30°C	MB018-25G MB018-100G	25gm 100gm
HEPES, sodium salt For Molecular Biology $C_8H_{17}N_2NaO_4S$ MW : 260.29 CAS : 75277-39-3 Assay : $\geq 99\%$ Store below 30°C	MB017-25G MB017-100G MB017-500G	25gm 100gm 500gm
Humic acid sodium salt For Molecular Biology CAS: 68131-04-4 Store below 30°C	MB152-100G	100gm
Imidazole For Molecular Biology $C_4H_5N_3$ MW : 68.08 CAS : 288-32-4 Assay : $\geq 99\%$ Store below 30°C	MB019-100G MB019-500G	100gm 500gm
Iodonitrotetrazolium chloride (Int Dye) For Molecular Biology $C_{10}H_{13}Cl/N_5O_2$ MW : 505.7 CAS : 146-68-9 Assay : $\geq 95\%$ Store at 2 - 8°C	MB200-1G	1gm
Isoamyl alcohol For Molecular Biology $C_8H_{18}O$ MW : 88.15 CAS : 123-51-3 Assay : $\geq 98.5\%$ Store below 30°C	MB091-100ML MB091-500ML	100ml 500ml
Isopropyl-β-D-thiogalactopyranoside (Isopropyl- β -D-thiogalactoside; IPTG) For Molecular Biology $C_9H_{18}O_5S$ MW : 238.3 CAS : 367-93-1 Assay : $\geq 99\%$ Store at 2 - 8°C	MB072-1G MB072-5G MB072-10G MB072-25G	1gm 5gm 10gm 25gm
Kanamycin sulphate For Molecular Biology $C_{18}H_{38}N_4O_{11}H_2SO_4$ MW : 582.58 CAS : 25389-94-0 Potency : $\geq 750\mu g/mg$ Store at 2 - 8°C	MB105-1G MB105-5G MB105-25G	1gm 5gm 25gm
α-Ketoglutaric acid For Molecular Biology $C_5H_6O_5$ MW : 146.1 CAS : 328-50-7 Assay : $\geq 99\%$ Store at 2 - 8°C	MB218-100G	100gm

Product	Code	Packing
Lactose monohydrate For Molecular Biology $C_{12}H_{22}O_{11}H_2O$ MW : 360.31 CAS : 64044-51-5 Assay : $\geq 99.5\%$ Store below 30°C	MB062-500G MB062-5KG	500gm 5kg
Lauryl sulphate sodium salt (see: Dodecyl sulphate sodium salt, SDS) For Molecular Biology $C_{12}H_{25}NaO_4S$ MW : 288.38 CAS : 151-21-3 Assay : $\geq 99\%$ Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Lead (II) acetate trihydrate For Molecular Biology $C_6H_6O_4Pb.3H_2O$ MW : 379.33 CAS : 6080-56-4 Assay : $\geq 99\%$ Store below 30°C	MB239-100G MB239-500G	100gm 500gm
Light green SF yellowish For Molecular Biology C.I.No.: 42095 $C_{37}H_{34}N_2O_6S_2Na_2$ MW : 792.85 CAS : 5141-20-8 Store below 30°C	MB201-25G MB201-100G	25gm 100gm
Lithium chloride For Molecular Biology LiCl MW : 42.39 CAS : 7447-41-8 Assay : $\geq 99\%$ Store below 30°C	MB038-100G MB038-500G	100gm 500gm
*Lysozyme (Muramidase) From chicken egg white Lyophilized For Molecular Biology E.C.No.: 3.2.1.17 Av. MW : 14600 Daltons CAS : 12650-88-3 Activity : $\sim 30,000$ U /mg Upon receipt store at - 20°C	MB098-1G MB098-5G MB098-25G	1gm 5gm 25gm
*Lyticase From <i>Anthrobacter luteus</i> For Molecular Biology Activity : ≥ 2000 U/mg of Protein CAS : 37340-57-1 Upon receipt store at - 20°C	MB099-10000U MB099-20000U	10000u 20000u
MES monohydrate (2-(N-Morpholino)ethanesulphonic acid monohydrate) For Molecular Biology $C_6H_{13}NO_4S.H_2O$ MW : 213.25 CAS : 145224-94-8 Assay : $\geq 90\%$ Store below 30°C	MB020-25G MB020-100G	25gm 100gm

Product	Code	Packing
MOPS (3-(N-Morpholino) propanesulphonic acid) For Molecular Biology $C_7H_{15}NO_4S$ MW : 209.26 CAS : 1132-61-2 Assay : $\geq 99.5\%$ Store below 30°C	MB021-25G MB021-100G MB021-500G	25gm 100gm 500gm
MOPSO Buffer For Molecular Biology $C_7H_{15}NO_4S$ MW : 225.26 CAS : 68399-77-9 Assay : $\geq 99\%$ Store below 30°C	MB214-25G	25gm
MTT (see : 3-(4,5- Dimethyl-2-thiazolyl)-2,5-diphenyl- 2H-tetrazolium bromide); Thiazolyl blue) For Molecular Biology $C_{18}H_{16}BrN_5S$ MW : 414.32 CAS : 298-93-1 Assay : $\geq 98\%$ Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
Magnesium acetate tetrahydrate For Molecular Biology $C_4H_8MgO_4 \cdot 4H_2O$ MW : 214.45 CAS : 16674-78-5 Assay : $\geq 99\%$ Store below 30°C	MB039-100G	100gm
Magnesium chloride anhydrous For Molecular Biology $MgCl_2$ MW : 95.21 CAS : 7786-30-3 Assay : $\geq 98\%$ Store below 30°C	MB237-100G MB237-500G	100gm 500gm
Magnesium chloride hexahydrate For Molecular Biology $MgCl_2 \cdot 6H_2O$ MW : 203.30 CAS : 7791-18-6 Assay : $\geq 99.5\%$ Store below 30°C	MB040-100G MB040-500G	100gm 500gm
Magnesium sulphate heptahydrate For Molecular Biology $MgSO_4 \cdot 7H_2O$ MW : 246.47 CAS : 10034-99-8 Assay : $\geq 99.5\%$ Store below 30°C	MB171-500G	500gm
Maleic acid For Molecular Biology $C_4H_4O_4$ MW : 116.07 CAS : 110-16-7 Assay : $\geq 99\%$ Store below 30°C	MB147-500G	500gm
DL-Malic acid For Molecular Biology $C_4H_6O_5$ MW : 134.09 CAS : 6915-15-7 Assay : $\geq 99\%$ Store below 30°C	MB142-500G	500gm

Product	Code	Packing
D-(+)-Maltose monohydrate For Molecular Biology $C_{12}H_{22}O_{11} \cdot H_2O$ MW : 360.31 CAS : 6363-53-7 Assay : $\geq 95\%$ Store below 30°C	MB231-100G MB231-500G	100gm 500gm
Manganese (II) chloride tetrahydrate For Molecular Biology $MnCl_2 \cdot 4H_2O$ MW : 197.91 CAS : 13446-34-9 Assay : $\geq 98\%$ Store below 30°C	MB236-100G MB236-500G	100gm 500gm
Manganese (II) sulphate monohydrate For Molecular Biology $MnSO_4 \cdot H_2O$ MW : 169.02 CAS : 10034-96-5 Assay : $\geq 99\%$ Store below 30°C	MB202-500G MB202-1KG	500gm 1kg
D-Mannitol For Molecular Biology $C_6H_{12}O_6$ MW : 182.17 CAS : 69-65-8 Assay : $\geq 99\%$ Store below 30°C	MB198-500G MB198-1KG	500gm 1kg
D-(+)-Mannose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 3458-28-4 Assay : $\geq 99\%$ Store below 30°C	MB212-100G	100gm
2-Mercaptoethanol For Molecular Biology C_2H_6OS MW : 78.13 CAS : 60-24-2 Assay : $\geq 98\%$ Store below 30°C	MB041-100ML MB041-500ML	100ml 500ml
Mercuric chloride For Molecular Biology $HgCl_2$ MW : 271.50 CAS : 7487-94-7 Assay : $\geq 99.5\%$ Store below 30°C	MB223-250G	250gm
Methanol For Molecular Biology CH_3OH MW : 32.04 CAS : 67-56-1 Assay : $\geq 99.9\%$ Store below 30°C	MB113-100ML MB113-500ML	100ml 500ml
N,N'-Methylene-bis(acrylamide) (see: Bis-acrylamide) For Molecular Biology $C_8H_{10}N_2O_2$ MW : 154.17 CAS : 110-26-9 Assay : $\geq 99\%$ Store below 30°C	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm

Product	Code	Packing
Methylene blue trihydrate For Molecular Biology $C_{16}H_{18}ClN_3S_3H_2O$ Cl No. : 52015 MW : 373.9 CAS : 7220-79-3 Assay : ≥99% Store below 30°C	MB257-25G MB257-100G	25gm 100gm
α-Methyl-D-mannoside (Methyl-α-D-mannopyranoside) $C_7H_{14}O_6$ CAS : 617-04-9 MW : 194.18 Assay : ≥99% Store below 30°C	MB250-10G MB250-25G	10gm 25gm
Mineral oil For Molecular Biology CAS: 8042-47-5 Store below 30°C	MB161-5ML MB161-500ML	5ml 500ml
Nile red $C_{20}H_{18}N_2O_2$ For Molecular Biology MW : 318.37 CAS : 7385-67-3 Store below 30°C	MB256-100MG MB256-1G	100mg 1gm
Ninhydrin (2,2 Dihydroxy-1,3-indanedione) For Molecular Biology $C_9H_6O_4$ MW : 178.14 CAS : 485-47-2 Assay : ≥99% Store below 30°C	MB234-10G MB234-25G	10gm 25gm
Nitroblue tetrazolium chloride (NBT) For Molecular Biology $C_{10}H_{10}N_6O_2Cl_2$ MW : 817.64 CAS : 298-83-9 Assay : ≥98% Store at 2 - 8°C	MB107-100MG MB107-250MG MB107-1G	100mg 250mg 1gm
p-Nitrophenyl phosphate disodium salt hexahydrate For Molecular Biology $C_6H_4NNa_2O_7P_6H_2O$ MW : 371.14 CAS : 333338-18-4 Assay : ≥98% Store at 2 - 8°C	MB124-5G MB124-25G	5gm 25gm
Nonidet® P-40 (4-Nonylphenyl-polyethylene glycol) (NP-40) For Molecular Biology CAS : 9016-45-9 Store below 30°C	MB143-100ML MB143-500ML	100ml 500ml
Orange G For Molecular Biology C.I.No.: 16230 $C_{16}H_{10}N_2O_5S_2Na_2$ MW : 452.37 CAS : 1936-15-8 Store below 30°C	MB168-10G MB168-50G	10gm 50gm

Product	Code	Packing
Orcinol monohydrate For Molecular Biology $C_7H_8O_2 \cdot H_2O$ MW : 142.15 CAS : 6153-39-5 Assay : ≥98% Store below 30°C	MB242-10G MB242-25G MB242-100G	10gm 25gm 100gm
Orthophosphoric acid For Molecular Biology H_3PO_4 MW : 98.00 CAS:7664-38-2 Assay : ≥85% Store below 30°C	MB157-250ML	250ml
Oxalic acid dihydrate For Molecular Biology $C_2H_2O_4 \cdot 2H_2O$ MW : 126.07 CAS : 6153-56-6 Assay : ≥ 99% Store below 30°C	MB205-1KG	1kg
PIPES (Piperazine-N,N'-bis(2-ethanesulphonic acid)) For Molecular Biology $C_8H_{18}N_2O_6S_2$ MW : 302.37 CAS : 5625-37-6 Assay : ≥99.5% Store below 30°C	MB022-100G MB022-500G	100gm 500gm
Perchloric acid about 60% For Molecular Biology $HClO_4$ MW: 100.46 CAS: 7601-90-3 Assay : 60-62% Store below 30°C	MB170-500ML	500ml
Peroxidase, Horseradish For Molecular Biology (Rz ≥3.0, salt free) CAS : 9003-99-0 Activity : ≥ 250 units/mg Store at 2 - 8°C	MB225-25000U	25000u
Phenazine methosulphate For Molecular Biology $C_{14}H_{10}N_2SO_2$ MW : 306.34 CAS : 299-11-6 Assay : ≥ 90% Store at 2 - 8°C	MB206-10G	10gm
Phenol, crystals (Hydroxybenzene) For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : ≥99% Store at 2 - 8°C	MB079-100G MB079-500G MB079-1KG	100gm 500gm 1kg
Phenol:Chloroform:Isoamyl alcohol mixture (25:24:1 v/v) For Molecular Biology CAS : 136112-00-0 Store at 2 - 8°C	MB078-100ML MB078-500ML	100ml 500ml

Product	Code	Packing
Phenol, saturated w/0.1 M citrate buffer For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Store at 2 - 8°C	MB081-100ML MB081-500ML	100ml 500ml
Phenol Solution (Equilibrated w/ 10mM Tris HCl pH 8.0 with 1mM EDTA) For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : ≥99% Store at 2 - 8°C	MB082-100ML MB082-500ML	100ml 500ml
Phenol, Saturated w/10% water Phenol liquid contains 10% water For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : ≥90% Store at 2 - 8°C	MB077-100ML MB077-500ML	100ml 500ml
Phenylmethanesulfonyl fluoride (PMSF) For Molecular Biology $C_7H_7FO_2S$ MW : 174.19 CAS : 329-98-6 Assay : ≥99% Store below 30°C	MB144-1G MB144-5G MB144-10G	1gm 5gm 10gm
Poly(ethylene glycol) MW 4000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 3600-4400 CAS : 25322-68-3 Store below 30°C	MB148-500G	500gm
Poly(ethylene glycol) MW 6000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 5000-7000 CAS : 25322-68-3 Store below 30°C	MB149-500G	500gm
Poly(ethylene glycol) MW 8000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 7000-9000 CAS : 25322-68-3 Store below 30°C	MB150-500G	500gm
Poly(ethylene glycol) MW 20000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 16000-25000 CAS : 25322-68-3 Store below 30°C	MB151-500G	500gm
Polyvinylpyrrolidone (PVP) K-30 (Povidone) For Molecular Biology Water soluble polymer made from N-Vinylpyrrolidone $(C_5H_7NO)_n$ Av. MW : 40000 CAS : 9003-39-8 Store below 30°C	MB102-100G MB102-500G	100gm 500gm

Product	Code	Packing
Ponceau S sodium salt Electrophoretic stain For Molecular Biology C.I.No. : 27195 $C_{22}H_{12}N_4O_{13}Na_4$ MW : 760.57 CAS : 6226-79-5 Store below 30°C	MB096-25G	25gm
Potassium acetate For Molecular Biology $C_2H_3KO_2$ MW : 98.14 CAS : 127-08-2 Assay : ≥99% Store below 30°C	MB042-100G MB042-500G	100gm 500gm
Potassium chloride For Molecular Biology KCl MW : 74.55 CAS : 7447-40-7 Assay : ≥99% Store below 30°C	MB043-500G	500gm
Potassium hydroxide pellets New For Molecular Biology KOH MW : 56.11 CAS : 1310-58-3 Assay : ≥85% Store below 30°C	MB262-500G	500gm
Potassium iodide For Molecular Biology KI MW : 166.0 CAS : 7681-11-0 Assay : ≥99.8% Store below 30°C	MB235-100G MB235-250G	100gm 250gm
Potassium nitrate For Molecular Biology KNO_3 MW : 101.1 CAS : 7757-79-1 Assay : ≥99% Store below 30°C	MB207-500G	500gm
Potassium phosphate dibasic anhydrous For Molecular Biology K_2HPO_4 MW : 174.18 CAS : 7758-11-4 Assay : ≥99% Store below 30°C	MB044-100G MB044-500G	100gm 500gm
Potassium phosphate monobasic anhydrous For Molecular Biology KH_2PO_4 MW : 136.09 CAS : 7778-77-0 Assay : ≥99% Store below 30°C	MB050-100G MB050-500G	100gm 500gm
Potassium sodium tartrate tetrahydrate For Molecular Biology $C_4H_4KNaO_6 \cdot 4H_2O$ MW : 282.22 CAS : 6381-59-5 Assay : ≥99% Store below 30°C	MB258-500G	500gm

Product	Code	Packing
2-Propanol (Isopropyl alcohol) For Molecular Biology C_3H_8O MW : 60.1 CAS : 67-63-0 Assay : $\geq 99.8\%$ Store below 30°C	MB063-1L	1lt
Propidium iodide For Molecular Biology $C_{27}H_{34}I_2N_4$ MW : 668.39 CAS : 25535-16-4 Assay : $\geq 94\%$ Store below 30°C	MB139-10MG MB139-25MG	10mg 25mg
Protein A Sepharose For Molecular Biology Store at 2 - 8°C	MB112-500MG MB112-1G	500mg 1gm
Proteinase K, From <i>Pichia pastoris</i> Recombinant PCR grade For Molecular Biology MW : 28.93 kDa CAS : 39450-01-6 Store at 2 - 8°C	MB086-10MG MB086-100MG MB086-1G	10mg 100mg 1gm
Pyronin Y For Molecular Biology C. I. No. : 45005 $C_{17}H_{19}ClN_3O$ MW : 302.80 CAS : 92-32-0 Store below 30°C	MB172-5G	5gm
Resorcinol (1,3-Dihydroxybenzene) $C_6H_6O_2$ MW : 110.11 CAS : 108-46-3 Assay : $\geq 99\%$ Store below 30°C	MB251-25G MB251-100G MB251-500G	25gm 100gm 500gm
*RNA (see : Ribonucleic Acid, from <i>Torula Yeast</i>) For Molecular Biology CAS : 63231-63-0 Assay : $\geq 86\%$ Upon receipt store at - 20°C	MB244-10G MB244-25G MB244-100G	10gm 25gm 100gm
RNase A (see: Ribonuclease-A) From Bovine pancreas (DNase free) For Molecular Biology MW $\approx$ 13700 CAS : 9001-99-4 Activity : ≥ 50 Units/mg protein (Kunitz) Store at -20°C	MB087-100MG MB087-500MG MB087-1G	100mg 500mg 1gm
D-(-)- Ribose For Molecular Biology $C_5H_{10}O_5$ MW : 150.13 CAS : 50-69-1 Assay : $\geq 99\%$ Store at 2 - 8°C	MB247-1G MB247-5G MB247-25G MB247-100G	1gm 5gm 25gm 100gm

Product	Code	Packing
Ribonuclease-A (see: RNase A) From Bovine pancreas (DNase free) For Molecular Biology MW $\approx$ 13700 CAS : 9001-99-4 Activity : ≥ 50 Units/ mg protein (Kunitz) Store at -20°C	MB087-100MG MB087-500MG MB087-1G	100mg 500mg 1gm
*Ribonucleic Acid, from <i>Torula Yeast</i> (see : RNA) For Molecular Biology CAS : 63231-63-0 Assay : $\geq 86\%$ Upon receipt store at - 20°C	MB244-10G MB244-25G MB244-100G	10gm 25gm 100gm
Ribonucleic Acid Sodium Salt For Molecular Biology CAS : 73049-77-1 Store at 2-8°C	MB245-10G MB245-25G MB245-100G	10gm 25gm 100gm
Rubidium chloride (RbCl) For Molecular Biology CAS : 7791-11-9 MW : 120.92 Assay : $\geq 99.5\%$ Store below 30°C	MB243-5G MB243-25G	5gm 25gm
SDS (see: Dodecyl sulphate sodium salt; Lauryl sulphate sodium salt) For Molecular Biology $C_{12}H_{25}NaO_4S$ MW : 288.38 CAS : 151-21-3 Assay : $\geq 99\%$ Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Saponin (From Plant) For Molecular Biology CAS : 8047-15-2 Store below 30°C	MB162-100G MB162-500G	100gm 500gm
Sarkosyl For Molecular Biology $C_{15}H_{27}NO_3Na$ MW : 293.38 CAS : 137-16-6 Assay : $\geq 94\%$ Store below 30°C	MB108-5G MB108-25G	5gm 25gm
Silicone (Anti-foaming agent) For Molecular Biology Store below 30°C	MB158-100G MB158-500G	100gm 500gm
Silver nitrate For Molecular Biology $AgNO_3$ MW : 169.87 CAS : 7761-88-8 Assay : $\geq 99\%$ Store below 30°C	MB156-10G MB156-25G MB156-100G	10gm 25gm 100gm
Sodium acetate anhydrous For Molecular Biology CH_3COONa MW : 82.03 CAS : 127-09-3 Assay : $\geq 99\%$ Store below 30°C	MB048-100G MB048-500G	100gm 500gm

Product	Code	Packing
Sodium acetate trihydrate For Molecular Biology $C_2H_3O_2Na \cdot 3H_2O$ MW : 136.08 CAS : 6131-90-4 Assay : $\geq 99\%$ Store below 30°C	MB208-500G	500gm
Sodium alginate For Molecular Biology CAS : 9005-38-3 Store below 30°C	MB114-100G MB114-500G	100gm 500gm
Sodium azide For Molecular Biology NaN_3 MW : 65.01 CAS : 26628-22-8 Assay : $\geq 98\%$ Store below 30°C	MB075-100G MB075-500G	100gm 500gm
Sodium bicarbonate For Molecular Biology $NaHCO_3$ MW : 84.01 CAS : 144-55-8 Assay : $\geq 99.7\%$ Store below 30°C	MB045-100G MB045-500G	100gm 500gm
Sodium cacodylate trihydrate For Molecular Biology $C_2H_3AsO_2Na \cdot 3H_2O$ MW : 214.03 CAS : 6131-99-3 Assay : $\geq 98\%$ Store below 30°C	MB219-50G	50gm
Sodium carbonate anhydrous (Soda ash) For Molecular Biology Na_2CO_3 MW : 105.99 CAS : 497-19-8 Assay : $\geq 99.9\%$ Store below 30°C	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg
Sodium chloride For Molecular Biology $NaCl$ MW : 58.44 CAS : 7647-14-5 Assay : $\geq 99.5\%$ Store below 30°C	MB023-500G MB023-1KG MB023-5KG	500gm 1kg 5kg
Sodium dithionite For Molecular Biology $Na_2O_2S_2$ MW : 174.11 CAS : 7775-14-6 Assay : $\geq 85\%$ Store below 30°C	MB163-500G	500gm
Sodium hydroxide pellets For Molecular Biology $NaOH$ MW : 40 CAS : 1310-73-2 Assay : $\geq 98\%$ Store below 30°C	MB095-100G MB095-500G MB095-5KG	100gm 500gm 5kg
Sodium phosphate dibasic anhydrous For Molecular Biology Na_2HPO_4 MW : 141.96 CAS : 7558-79-4 Assay : $\geq 99\%$ Store below 30°C	MB024-250G	250gm

Product	Code	Packing
Sodium phosphate dibasic dihydrate For Molecular Biology $Na_2HPO_4 \cdot 2H_2O$ MW : 177.99 CAS : 10028-24-7 Assay : $\geq 99.0\%$ Store below 30°C	MB126-500G MB126-5KG	500gm 5kg
Sodium phosphate monobasic anhydrous For Molecular Biology NaH_2PO_4 MW : 119.98 CAS : 7558-80-7 Assay : $\geq 98\%$ Store below 30°C	MB183-500G	500gm
Sodium phosphate monobasic monohydrate For Molecular Biology $NaH_2PO_4 \cdot H_2O$ MW : 137.99 CAS : 10049-21-5 Assay : $\geq 99.5\%$ Store below 30°C	MB047-250G	250gm
Sodium sulphate anhydrous For Molecular Biology Na_2SO_4 MW : 142.04 CAS : 7757-82-6 Assay : $\geq 99\%$ Store below 30°C	MB209-1KG	1kg
Sodium sulphite anhydrous For Molecular Biology Na_2SO_3 MW : 126.04 CAS : 7757-83-7 Assay : $\geq 98\%$ Store below 30°C	MB100-500G	500gm
Sodium thiosulphate anhydrous For Molecular Biology $Na_2S_2O_3$ MW : 158.11 CAS : 7772-98-7 Assay : $\geq 98\%$ Store below 30°C	MB210-500G	500gm
Sodium thiosulphate pentahydrate For Molecular Biology $Na_2S_2O_3 \cdot 5H_2O$ MW : 248.18 CAS : 10102-17-7 Assay : $\geq 99\%$ Store below 30°C	MB155-500G MB155-1KG	500gm 1kg
D(-)-Sorbitol (D-Glucitol) For Molecular Biology $C_6H_{14}O_6$ MW : 182.17 CAS : 50-70-4 Assay : $\geq 99\%$ Store below 30°C	MB066-500G	500gm
Starch hydrolysed For Molecular Biology $(C_6H_{10}O_5)_n$ CAS : 9005-25-8 Store below 30°C	MB127-100G MB127-500G	100gm 500gm

Product	Code	Packing
Streptavidin For Molecular Biology CAS : 9013-20-1 Activity (Fibrinogen) : ~14 units/mg protein Store at 2 - 8°C	MB129-5MG	5mg
Sucrose For Molecular Biology $C_{12}H_{22}O_{11}$ MW : 342.3 CAS : 57-50-1 Assay : ≥99.5% Store below 30°C	MB025-500G MB025-5KG	500gm 5kg
Sudan black B C.I.No. : 26150 For Molecular Biology $C_{20}H_{16}N_2$ MW : 456.54 CAS : 4197-25-5 Store below 30°C	MB226-25G	25gm
TEMED (see: N,N,N',N'-Tetramethylethylenediamine) For Molecular Biology $C_6H_{16}N_4$ MW : 116.20 CAS : 110-18-9 Assay : ≥99% Store below 30°C	MB026-100ML	100ml
TES (see: N-[Tris(hydroxymethyl)methyl]-2-aminoethanesulphonic acid) For Molecular Biology $C_6H_{15}NO_5S$ MW : 229.25 CAS : 7365-44-8 Assay : ≥99% Store below 30°C	MB027-100G	100gm
TRIS hydrochloride For Molecular Biology $C_4H_{11}NO_3 \cdot HCl$ MW : 157.6 CAS : 1185-53-1 Assay : ≥99% Store below 30°C	MB030-100G MB030-500G MB030-1KG	100gm 500gm 1kg
3,3',4,4'-Tetraaminobiphenyl tetrahydrochloride (DAB) For Molecular Biology $C_{12}H_{14}N_4 \cdot 4HCl$ MW : 360.11 CAS : 7411-49-6 Assay : ≥ 97% Store at 2 - 8°C	MB121-1G MB121-5G	1gm 5gm
Tetracycline hydrochloride For Molecular Biology $C_{22}H_{24}N_2O_8 \cdot HCl$ MW : 480.9 CAS : 64-75-5 Potency : ≥ 900 µg/mg Store at 2 - 8°C	MB178-5G MB178-25G	5gm 25gm
3,3',5,5'-Tetramethylbenzidine (TMB) For Molecular Biology $C_{16}H_{20}N_2$ MW : 240.34 CAS : 54827-17-7 Assay : ≥ 99% Store below 30°C	MB122-1G MB122-5G	1gm 5gm

Product	Code	Packing
N,N,N',N'-Tetramethylethylenediamine (see: TEMED) For Molecular Biology $C_6H_{16}N_4$ MW : 116.20 CAS : 110-18-9 Assay : ≥99% Store below 30°C	MB026-100ML	100ml
1H-Tetrazole For Molecular Biology CH_3N_4 MW : 70.05 CAS : 288-94-8 Assay : ≥99% Store below 30°C	MB131-1G MB131-5G	1gm 5gm
Thiazolyl blue (see : MTT; 3-(4,5- Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide) For Molecular Biology $C_{18}H_{16}BrN_4S$ MW : 414.32 CAS : 298-93-1 Assay : ≥ 98% Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
Tricine For Molecular Biology $C_6H_{13}NO_5$ MW : 179.17 CAS : 5704-04-1 Assay : ≥99% Store below 30°C	MB028-100G	100gm
2,3,5 - Triphenyltetrazolium chloride For Molecular Biology $C_{19}H_{15}N_4Cl$ MW : 334.8 CAS : 298-96-4 Assay : ≥ 99% Store below 30°C	MB188-10G MB188-25G	10gm 25gm
Tris, Free base (Tris[hydroxymethyl]aminomethane) For Molecular Biology $C_4H_{11}NO_3$ MW : 121.14 CAS : 77-86-1 Assay : ≥99% Store below 30°C	MB029-100G MB029-500G MB029-1KG MB029-5KG	100gm 500gm 1kg 5kg
Tris (hydroxymethyl) aminomethane acetate For Molecular Biology $C_6H_{15}NO_5$ MW : 181.19 CAS : 6850-28-8 Assay : ≥ 99% Store below 30°C	MB190-25G MB190-100G	25gm 100gm
N-[Tris(hydroxymethyl)methyl]-2-aminoethanesulphonic acid (see: TES) For Molecular Biology $C_6H_{15}NO_5S$ MW : 229.25 CAS : 7365-44-8 Assay : ≥99% Store below 30°C	MB027-100G	100gm
Triton® X-100 For Molecular Biology $C_{24}H_{48}O_{11}$ MW : 646.87 CAS : 9002-93-1 Store below 30°C	MB031-50ML MB031-100ML MB031-500ML	50ml 100ml 500ml

Product	Code	Packing
Tween® 20 For Molecular Biology CAS : 9005-64-5 Store below 30°C	MB067-100ML	100ml
Ultra Resolution Agarose For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB073-25G MB073-125G MB073-250G MB073-500G MB073-1KG	25gm 125gm 250gm 500gm 1kg
Urea For Molecular Biology $\text{CH}_4\text{N}_2\text{O}$ MW : 60.06 Assay : ≥99.5% Store below 30°C	MB032-500G MB032-1KG MB032-5KG	500gm 1kg 5kg
Vitamin B₁₂ For Molecular Biology $\text{C}_{63}\text{H}_{88}\text{CoN}_{14}\text{O}_{14}\text{P}$ MW : 1355.37 Assay : ≥97% Store at 2-8°C	MB241-250MG MB241-1G	250mg 1gm
X-Gal (5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside) For Molecular Biology $\text{C}_{14}\text{H}_{15}\text{BrClINO}_6$ MW : 408.63 Assay : ≥98% Store at 2 - 8°C	MB069-100MG MB069-500MG MB069-1G	100mg 500mg 1gm
X-Glucurono CHA salt (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide cyclohexylammonium salt) For Molecular Biology $\text{C}_{20}\text{H}_{26}\text{BrClINO}_7$ MW : 521.79 Assay : ≥98% Store at 2 - 8°C	MB088-100MG MB088-500MG MB088-1G	100mg 500mg 1gm

Product	Code	Packing
X-Glucurono sodium salt (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide sodium salt) For Molecular Biology $\text{C}_{14}\text{H}_{12}\text{BrClINNaO}_7$ MW : 444.59 Assay : ≥98% Store at - 20°C	MB089-100MG MB089-500MG MB089-1G	100mg 500mg 1gm
X-Glucoside (5-Bromo-4-chloro-3-indolyl-β-D-glucopyranoside) For Molecular Biology $\text{C}_{14}\text{H}_{15}\text{BrClINO}_6$ MW : 408.63 Assay : ≥97% Store at 2 - 8°C	MB246-1MG MB246-5MG MB246-10MG	1mg 5mg 10mg
Xylan from beechwood For Molecular Biology CAS : 9014-63-5 Store below 30°C	MB141-10G	10gm
Xylene mixture of isomers For Molecular Biology C_8H_{10} MW : 106.17 CAS : 1330-20-7 Store below 30°C	MB180-500ML MB180-2.5L	500ml 2.5lt
Zinc chloride For Molecular Biology ZnCl_2 MW : 136.3 Assay : ≥98% Store below 30°C	MB046-100G MB046-500G	100gm 500gm
Zinc sulphate heptahydrate For Molecular Biology $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ MW : 287.56 Assay : ≥99.5% Store below 30°C	MB233-500G	500gm

Different kinds of agaroses available with HiMedia

Code No.	Product Name	Applications
MB002	Agarose, Special, Low EEO (Nuclease and Protease Free) For Molecular Biology	Routine Separation of DNA or RNA fragments Separation of 100 bp-50 kb Southern and Northern blotting PCR analysis
MB229	Agarose, Ultrapure, Low EEO (Nuclease and Protease free) For Molecular Biology	Specialized grade for preparing higher percentage agarose gel (>2%).
MB080	Agarose-DNA grade, (Low melting) (Nuclease and Protease Free) For Molecular Biology	Convenient recovery and purification of DNA and RNA Separation of DNA and RNA >1 kb
MB073	Ultra Resolution Agarose (Nuclease and Protease Free) For Molecular Biology	High resolution separation of 20 bp-800 bp DNA fragments Recovery of fragments upto 800 bp Fine analysis of PCR products AMPFLP and STR analysis
MB094	Agarose, For Pulse Field Gel Electrophoresis (PFGE) (Nuclease and Protease Free) For Molecular Biology	Pulse Field Gel Electrophoresis Large Fragment separation DNA & RNA Megabase Separation
MB175	Agarose, Medium EEO, For Electrophoresis	Serum protein electrophoresis Immuno-electrophoresis.
MB176	Agarose, High EEO For gel and immuno-electrophoresis	Immuno-electrophoresis techniques. Protein Electrophoresis

MOLECULAR BIOLOGY GROWTH MEDIA

Salts	mg/litre
Potassium Phosphate, monobasic	1000
Magnesium Sulfate	500
Sodium Chloride	100
Calcium Chloride	100
Vitamins	mg/litre
D-Biotin	0.002
Calcium pantothenate	0.4
Folic Acid	0.002
Inositol	2
Niacin	0.4
PABA	0.2
Pyridoxine, HCl	0.4
Riboflavin	0.2
Thiamine, HCl	0.4
Trace Elements	mg/litre
Boric Acid	0.5
Copper Sulfate	0.04
Potassium Iodide	0.1
Ferric Chloride	0.2
Manganese Sulfate	0.4
Sodium Molybdate	0.2
Zinc Sulfate	0.4
Nitrogen	gms/litre
Ammonium Sulfate	5
Sugar	gms/litre
Dextrose	20
CSM Mixture	mg/litre
Adenine (ADE)	10
L-Arginine HCl (ARG)	50
L-Aspartic Acid (ASP)	80
L-Histidine HCl (HIS)	20
L-Isoleucine (ILE)	50
L-Leucine (LEU)	100
L-Lysine HCl (LYS)	50
L-Methionine (MET)	20
L-Phenylalanine (PHE)	50
L-Threonine (THR)	100
L-Tryptophan (TRP)	50
L-Tyrosine (TYR)	50
Uracil (URA)	20
L-Valine (VAL)	140
Agar	gms/litre
	15-17

Yeast Nitrogen Base (YNB)

Dropout Base (DOB)

Synthetic Defined Media (SD)

Synthetic Defined Agar Media (SDA)

- Molecular Biology Growth Media for
 - 1) *Escherichia coli*
 - 2) *Saccharomyces cerevisiae*
 - 3) *Schizosaccharomyces pombe*

Molecular Biology Growth Media for *Escherichia coli*

Product	Code	Packing
Super Growth Medium an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 60.00 8.33 Lit/500G	G001-500G	500gm
Super Growth Agar an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 75.00 6.67 Lit/500G	G002-500G	500gm
Super Growth Top Agar an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 67.00 7.46 Lit/500G	G003-500G	500gm
Terrific Growth Medium for high density growth of <i>E. coli</i> /host cells and higher yield of plasmid DNA. Grams/Lit : 47.60 10.5 Lit/500G	G004-500G	500gm
L-Growth Medium for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 15.50 32.26 Lit/500G	G005-500G	500gm
L-Growth Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 30.50 16.39 Lit/500G	G006-500G	500gm
L-Growth Top Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 22.50 22.22 Lit/500G	G007-500G	500gm
LB Growth Medium w/o Sodium chloride used in protein expression systems where Sodium chloride is used to induce protein. Grams/Lit : 15.00 33.33 Lit/500G	G008-500G	500gm
LB Growth Top Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 32.00 15.63 Lit/500G	G009-500G	500gm
Luria Agar for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 35.00 14.29 Lit/500G	M557-500G	500gm
Luria Agar, Granulated for usage and grams per liter refer M557.	GM557-500G	500gm
Luria HiVeg™ Agar for usage and grams per liter refer M557.	MV557-500G 	500gm
Luria HiCynth™ Agar for usage and grams per liter refer M557.	MCD557-500G 	500gm

Product	Code	Packing
Luria Broth Base, Millers Modification for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> with or without addition of glucose Grams/Lit : 15.50 32.26 Lit/500G	M1725-500G	500gm
Luria Broth Base, Millers Modification, Granulated for usage and grams per liter refer M1725	GM1725-500G 	500gm
Luria Agar Base, Millers Modification for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> with or without addition of glucose ➤ 20% Glucose solution- 10ml per liter Grams/Lit : 30.50 16.39 Lit/500G	M1726-500G	500gm
Luria Agar Base, Millers Modification, Granulated for usage and grams per liter refer M1726	GM1726-500G 	500gm
Luria Bertani Agar, Miller (Miller Luria Bertani Agar) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 40.00 12.5 Lit/500G	M1151-500G M1151-1KG M1151-2.5KG	500gm 1kg 2.5kg
Luria Bertani Agar, Miller, Granulated (Miller Luria Bertani Agar, Granulated) for usage and grams per liter refer M1151	GM1151-500G 	500gm
Luria Bertani HiVeg™ Agar, Miller (Miller Luria Bertani HiVeg™ Agar) for usage and grams per liter refer M1151	MV1151-500G 	500gm
Luria Bertani HiVeg™ Agar, Miller, Granulated (Miller Luria Bertani HiVeg™ Agar, Granulated) for usage and grams per liter refer M1151	GMV1151-500G 	500gm
Luria Bertani HiCynth™ Agar, Miller (Miller Luria Bertani HiCynth™ Agar) for usage and grams per liter refer M1151	MCD1151-500G 	500gm
Luria Bertani Agar, Modified for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 30.00 16.67 Lit/500G	M1151F-500G	500gm
Luria Bertani Agar, Modified, Granulated for usage and grams per liter refer M1151F	GM1151F-500G 	500gm

Product	Code	Packing
Luria Bertani Broth, Miller (Miller Luria Bertani Broth) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 25.00 20 Lit/500G	M1245-500G M1245-1KG M1245-2.5KG	500gm 1kg 2.5kg
Luria Bertani Broth, Miller, Granulated (Miller Luria Bertani Broth, Granulated) for usage and grams per liter refer M1245	GM1245-500G 	500gm
Luria Bertani HiVeg™ Broth, Miller (Miller Luria Bertani HiVeg™ Broth) for usage and grams per liter refer M1245	MV1245-500G 	500gm
Luria Bertani HiVeg™ Broth, Miller, Granulated (Miller Luria Bertani HiVeg™ Broth, Granulated) for usage and grams per liter refer M1245	GMV1245-500G 	500gm
Luria Bertani HiCynth™ Broth, Miller (Miller Luria Bertani HiCynth™ Broth) for usage and grams per liter refer M1245	MCD1245-500G 	500gm
Luria Broth for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> . Grams/Lit : 20.00 25 Lit/500G	M575-500G	500gm
Luria Broth, Granulated for usage and grams per liter refer M575	GM575-500G 	500gm
Luria HiVeg™ Broth for usage and grams per liter refer M575	MV575-500G 	500gm
Luria HiCynth™ Broth for usage and grams per liter refer M575	MCD575-500G 	500gm
Tryptone Growth Medium II general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 18.00 27.78 Lit/500G	G010-500G	500gm
Tryptone Growth Agar II general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 33.00 15.15 Lit/500G	G011-500G	500gm
Tryptone Growth Top Agar general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 25.00 20 Lit/500G	G012-500G	500gm
M9 Minimal Medium Salts (5X) for growing E.coli for Molecular Biology purpose Grams/Lit : 56.40 8.87 Lit/500G	G013-500G	500gm
SOB Growth Medium for preparing competent host cells prior to transformation. Grams/Lit : 27.94 17.89 Lit/500G	G014-500G	500gm

Product	Code	Packing
SOC Growth Medium special medium for incubating competent cells immediately after transformation to allow expression of transferred resistance genes before exposing cells to selective conditions. Grams/Lit : 31.54 15.85 Lit/500G	G015-500G	500gm
SOB Growth Agar for preparing competent host cells prior to transformation. Grams/Lit : 42.94 11.64 Lit/500G	G016-500G	500gm
NZCYM Growth Medium media for Lambda and filamentous phage Grams/Lit : 21.98 22.75 Lit/500G	G017-500G	500gm
NZCYM HiVeg™ Growth Medium for usage and grams per liter refer G017	GV017-500G 	500gm
NZCYM Growth Agar media for Lambda and filamentous phage Grams/Lit : 36.98 13.52 Lit/500G	G018-500G	500gm
NZCYM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 28.98 17.25 Lit/500G	G019-500G	500gm
NZYM Growth Medium media for Lambda and filamentous phage Grams/Lit : 20.98 23.83 Lit/500G	G020-500G	500gm
NZYM Growth Agar media for Lambda and filamentous phage Grams/Lit : 35.98 13.89 Lit/500G	G021-500G	500gm
NZYM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 27.98 17.87 Lit/500G	G022-500G	500gm
NZM Growth Medium media for Lambda and filamentous phage Grams/Lit : 15.98 31.29 Lit/500G	G023-500G	500gm
NZM Growth Agar media for Lambda and filamentous phage Grams/Lit : 28.98 17.25 Lit/500G	G024-500G	500gm
NZM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 22.98 21.76 Lit/500G	G025-500G	500gm
NZYDT Growth Medium media for Lambda and filamentous phage Grams/Lit : 20.53 24.35 Lit/500G	G026-500G	500gm
NZYDT Growth Agar media for Lambda and filamentous phage Grams/Lit : 35.53 14.07 Lit/500G	G027-500G	500gm
NZY (Harvard) Growth Medium media for Lambda and filamentous phage Grams/Lit : 23.00 21.74 Lit/500G	G028-500G	500gm
NZY (Harvard) Growth Agar media for Lambda and filamentous phage Grams/Lit : 38.00 13.16 Lit/500G	G029-500G	500gm

Product	Code	Packing
LB Growth Agar For Lambda media for Lambda phage Grams/Lit : 40.97 12.2 Lit/500G	G030-500G	500gm
YT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 18.00 27.78 Lit/500G	G031-500G	500gm
YT Growth Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 33.00 15.15 Lit/500G	G032-500G	500gm
YT Growth Top Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 25.00 20 Lit/500G	G033-500G	500gm
2XYT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 31.00 16.13 Lit/500G	G034-500G	500gm

Product	Code	Packing
2XYT Growth Medium, Granulated New optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 31.00 16.13 Lit/500G	GMG034-500G	500gm
2XYT Growth Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 46.00 10.87 Lit/500G	G035-500G	500gm
2XYT Growth Top Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 38.00 13.16 Lit/500G	G036-500G	500gm
4XYT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 57.00 8.77 Lit/500G	G151-500G	500gm

Molecular Biology Growth Media for *Saccharomyces cerevisiae* and *Schizosaccharomyces pombe*

YPD (YEPD) Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 50.00 10 Lit/500G	G037-500G	500gm
YPD (YEPD) Growth Agar for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 65.00 7.69 Lit/500G	G038-500G	500gm
YEP Growth Medium used as a base for making variation with an alternate carbon source, for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 30.00 16.67 Lit/500G	G039-500G	500gm
YEP Growth Agar used as a base for making variation with an alternate carbon source, for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 45.00 11.11 Lit/500G	G040-500G	500gm
Presporulation Growth Medium for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 31.00 16.13 Lit/500G	G041-500G	500gm
Sporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 36.00 13.89 Lit/500G	G042-500G	500gm
Minimal Sporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 25.00 20 Lit/500G	G043-500G	500gm
Semisporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 20.50 24.39 Lit/500G	G044-500G	500gm

YE Growth Medium for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 35.00 14.29 Lit/500G	G045-500G	500gm
YE Growth Agar for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 50.00 10 Lit/500G	G046-500G	500gm
YES Growth Medium for the vegetative growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 35.25 14.18 Lit/500G	G047-500G	500gm
YES Growth Agar for the vegetative growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 50.25 9.95 Lit/500G	G048-500G	500gm
ME Growth Medium for the conjugation and sporulation of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 30.20 16.56 Lit/500G	G049-500G	500gm
ME Growth Agar for the conjugation and sporulation of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 45.20 11.06 Lit/500G	G050-500G	500gm
EMM Growth Medium minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 32.32 15.47 Lit/500G	G051-500G	500gm
EMM Growth Agar minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 47.32 10.57 Lit/500G	G052-500G	500gm

Product	Code	Packing
EMM Growth Medium without Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 12.35 40.49 Lit/500G	G053-500G	500gm
EMM Growth Medium without Phosphate minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 30.00 16.67 Lit/500G	G054-500G	500gm
EMM Growth Medium without Nitrogen minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 27.32 18.3 Lit/500G	G055-500G	500gm
EMM Growth Medium with Sorbitol minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 228.35 2.19 Lit/500G	G056-500G	500gm
EMM Growth Medium with Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 17.20 29.07 Lit/500G	G057-500G	500gm
EMM Growth Agar with Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 32.20 15.53 Lit/500G	G058-500G	500gm
MB Growth Medium minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 12.00 41.67 Lit/500G	G059-500G	500gm
MMA Growth Agar minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 31.72 15.76 Lit/500G	G060-500G	500gm
YEPG Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 30.00+ 16.67 Lit/500G 38 ml Glycerol 	G061-500G	500gm

Synthetic Defined Media

(SD = 1.7g/l YNB + 5g/l Ammonium sulphate + 20g/l Dextrose + appropriate CSM- based amino acid mixture) (SDA = SD + Agar)		
SD Growth Medium synthetic defined media for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 27.49 3.64 Lit/100G	G062-100G	100gm
SDA Growth Medium synthetic defined agar media for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 42.49 2.35 Lit/100G	G063-100G	100gm

Single Dropout Formulation (Powder)

SD Growth Medium w/o HIS for usage refer G062. Grams/Lit : 27.47	G064-10X0.5L	10X0.5lt
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SD Growth Medium w/o LEU for usage refer G062. Grams/Lit : 27.39	G065-10X0.5L G065-10X1L	10X0.5lt 10X1lt
SD Growth Medium w/o TRP for usage refer G062. Grams/Lit : 27.44	G066-10X0.5L G066-10X1L	10X0.5lt 10X1lt
SD Growth Medium w/o URA for usage refer G062. Grams/Lit : 27.47	G067-10X0.5L G067-10X1L	10X0.5lt 10X1lt

Double Dropout Formulation (Powder)

SD Growth Medium w/o LEU-TRP for usage refer G062. Grams/Lit : 27.34	G068-10X0.5L G068-10X1L	10X0.5lt 10X1lt
SD Growth Medium w/o LEU-URA for usage refer G062. Grams/Lit : 27.37	G069-10X0.5L	10X0.5lt

Triple Dropout Formulation (Powder)

SD Growth Medium w/o HIS-LEU-TRP for usage refer G062. Grams/Lit : 27.32	G070-10X0.5L G070-10X1L	10X0.5lt 10X1lt
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4+ Dropout Formulation (Powder)

SD Growth Medium w/o ADE- HIS-LEU-TRP for usage refer G062. Grams/Lit : 27.31	G071-10X0.5L G071-10X1L	10X0.5lt 10X1lt
SD Growth Medium w/o HIS-LEU-TRP-URA for usage refer G062. Grams/Lit : 27.30	G072-10X0.5L G072-10X1L	10X0.5lt 10X1lt

SDA- Single Dropout Formulation (Powder)

SDA Growth Medium w/o LEU for usage refer G063. Grams/Lit : 42.39	G073-10X0.5L G073-10X1L	10X0.5lt 10X1lt
SDA Growth Medium w/o TRP for usage refer G063. Grams/Lit : 42.44	G074-10X0.5L G074-10X1L	10X0.5lt 10X1lt
SDA Growth Medium w/o URA for usage refer G063. Grams/Lit : 42.47	G075-10X0.5L G075-10X1L	10X0.5lt 10X1lt

SDA- Double Dropout Formulation (Powder)

SDA Growth Medium w/o HIS-URA for usage refer G063. Grams/Lit : 42.45	G076-10X1L	10X1lt
SDA Growth Medium w/o LEU-TRP for usage refer G063. Grams/Lit : 42.34	G077-10X1L	10X1lt

Product	Code	Packing
SDA- Triple Dropout Formulation (Powder)		
SDA Growth Medium w/o HIS-LEU-TRP for usage refer G063. Grams/Lit : 42.32	G078-10X0.5L G078-10X1L	10X0.5lt 10X1lt
SDA Growth Medium w/o LEU-TRP-URA for usage refer G063. Grams/Lit : 42.32	G079-10X1L	10X1lt

SDA- 4+ Dropout Formulation (Powder)

SDA Growth Medium w/o ADE- HIS-LEU-TRP for usage refer G063. Grams/Lit : 42.31	G080-10X0.5L	10X0.5lt
SDA Growth Medium w/o HIS-LEU-TRP-URA for usage refer G063. Grams/Lit : 42.30	G081-10X0.5L G081-10X1L	10X0.5lt 10X1lt

DOB (Dropout Base) Medium/ DOBA (Dropout Based Agar) Medium

(DOB= YNB + Ammonium sulphate + Carbohydrate) (DOBA= DOB + Agar)

DOB Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G082-100G G082-500G	100gm 500gm
DOBA Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 41.70 11.99 Lit/500G	G083-500G	500gm
DOB Growth Medium with 2% Galactose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G084-500G	500gm
DOBA Growth Medium with 2% Galactose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 41.70 11.99 Lit/500G	G085-500G	500gm
DOB Growth Medium with Succinate for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 40.00 12.5 Lit/500G	G086-250G G086-500G	250gm 500gm
DOB Growth Medium with 2% Raffinose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G087-250G G087-500G	250gm 500gm
DOB Growth Medium with 2% Galactose and 1% Raffinose for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 36.70 13.62 Lit/500G	G088-250G G088-500G	250gm 500gm
DOBA Growth Medium with 2% Galactose and 1% Raffinose for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 51.70 9.67 Lit/500G	G089-250G G089-500G	250gm 500gm

Product	Code	Packing
YNB (Yeast Nitrogen Base) Formulation		
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 1.70 58.82 Lit/100G	G090-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 6.70 14.93 Lit/100G	G091-100G	100gm

YNB (Yeast Nitrogen Base) Variations

[for the preparation of SD/SDA- add a carbon source, appropriate amino acids and agar (in case of SDA)]

Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Copper sulphate, w/o Ferric chloride for usage refer G090. Grams/Lit : 1.70 58.82 Lit/100G	G092-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Inositol for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G093-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Phosphates, w/o Sodium chloride for usage refer G091. Grams/Lit : 5.60 17.86 Lit/100G	G094-100G	100gm
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Potassium phosphate for usage refer G090. Grams/Lit : 0.70 142.86 Lit/100G	G095-100G	100gm
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Folic acid, w/o Riboflavin for usage refer G090. Grams/Lit : 1.70 58.82 Lit/100G	G096-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Vitamins for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G097-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Thiamine HCl for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G098-100G	100gm
Yeast Nitrogen Base (YNB) Trace Elements for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Mg/Lit : 1.84 mg 54347.83 Lit/100G	G099-100G	100gm
Complete Supplement Mixture (CSM) as a dropout supplement for all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 790 mg 126.58 Lit/100G	G100-10G G100-100G	10gm 100gm

Product	Code	Packing
Brent Supplement Mixture (BSM) use with the addition in DOB or DOBA and carbon source for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 1.55 16.13 Lit/25G	G101-25G	25gm
Synthetic Complete Supplement Mixture (SC) as an amino acid supplement for all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 2.00 15.00 Lit/30G	G102-30G	30gm

SC- Single Dropout Formulations

SC (Synthetic Complete Supplement Mixture) is used in the preparation of SD or SDA		
Synthetic Complete Supplement Mixture (SC) w/o HIS for usage refer G102. Grams/Lit : 1.91 52.36 Lit/100G	G152-10G G152-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o LEU for usage refer G102 Grams/Lit : 1.83 54.64 Lit/100G	G153-10G G153-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o TRP for usage refer G102 Grams/Lit : 1.91 52.36 Lit/100G	G154-10G G154-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o URA for usage refer G102 Grams/Lit : 1.91 52.36 Lit/100G	G155-10G G155-100G	10gm 100gm

CSM- Single Dropout Formulations

CSM (Complete Supplement Mixture) is used in the preparation of SD or SDA		
Complete Supplement Mixture w/o ADE for usage refer G100. Grams/Lit : 780 mg 128.21 Lit/100G	G103-10G G103-100G	10gm 100gm
Complete Supplement Mixture w/o ARG for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G104-10G G104-100G	10gm 100gm
Complete Supplement Mixture w/o HIS for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G105-10G G105-100G	10gm 100gm
Complete Supplement Mixture w/o LEU for usage refer G100. Grams/Lit : 690 mg 144.93 Lit/100G	G106-10G G106-100G	10gm 100gm
Complete Supplement Mixture w/o LEU, w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G107-100G	100gm
Complete Supplement Mixture w/o LYS for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G108-10G G108-100G	10gm 100gm
Complete Supplement Mixture w/o MET for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G109-10G G109-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o TRP for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G110-10G G110-100G	10gm 100gm
Complete Supplement Mixture w/o TRP, w/ 20 mg/l ADE for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G111-100G	100gm
Complete Supplement Mixture w/o URA for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G112-10G G112-100G	10gm 100gm
Complete Supplement Mixture w/o URA, w/ 20 mg/l ADE for usage refer G100. Grams/Lit : 780 mg 128.21 Lit/100G	G113-100G	100gm
Complete Supplement Mixture w/o URA, w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 800 mg 125 Lit/100G	G114-100G	100gm

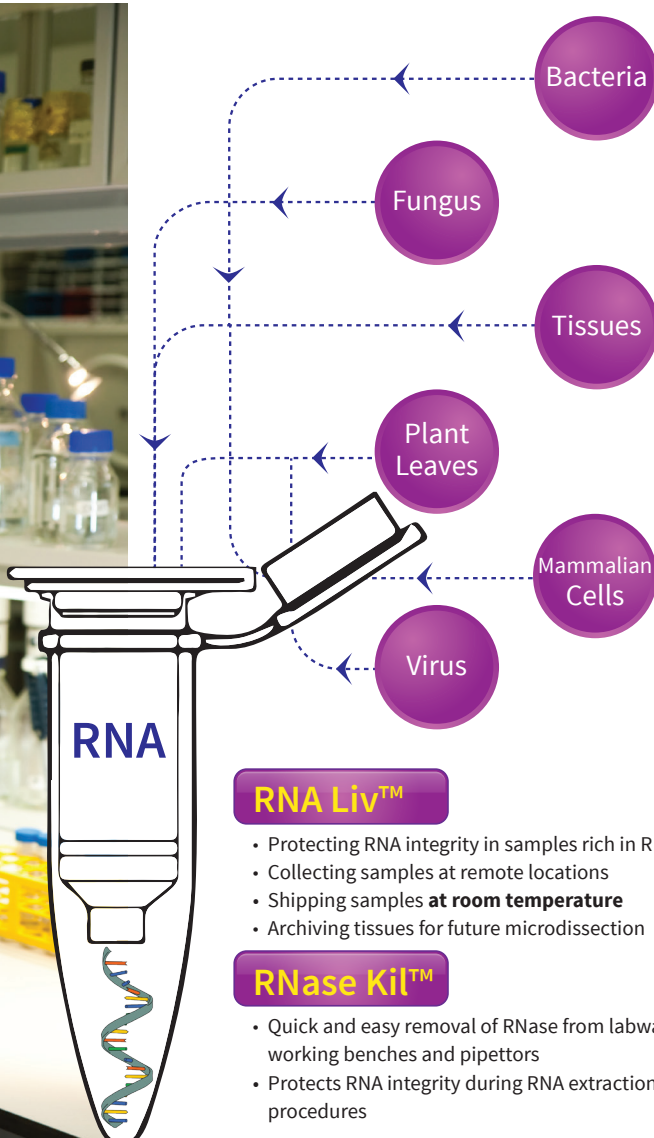
CSM- Double Dropout Formulations

CSM (Complete Supplement Mixture) is used in the preparation of SD or SDA		
Complete Supplement Mixture w/o LEU-TRP for usage refer G100. Grams/Lit : 640 mg 156.25 Lit/100G	G115-10G G115-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-TRP for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G116-10G G116-100G	10gm 100gm
Complete Supplement Mixture w/o LEU-URA for usage refer G100. Grams/Lit : 670 mg 149.25 Lit/100G	G117-10G G117-100G	10gm 100gm
Complete Supplement Mixture w/o LEU-URA w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 700 mg 142.86 Lit/100G	G118-10G G118-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-URA for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G119-10G G119-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-LEU for usage refer G100. Grams/Lit : 670 mg 149.25 Lit/100G	G120-10G G120-100G	10gm 100gm
Complete Supplement Mixture w/o TRP-URA for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G121-10G G121-100G	10gm 100gm
Complete Supplement Mixture w/o MET-URA for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G122-10G G122-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o ADE-LEU for usage refer G100. Grams/Lit : 680 mg 147.06 Lit/100G	G123-10G G123-100G	10gm 100gm
Complete Supplement Mixture w/o ARG-URA for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G124-10G G124-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o ARG-HIS for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G148-10G G148-100G	10gm 100gm

PROTECT YOUR RNA

Refer Page **555**


Product

Code

Packing

Product

Code

Packing

HiPer® TEACHING KITS



Microbiology

Molecular Biology

Biochemistry

Immunology

Protein Assay

Chromatography

The fun-space of Learning

HiPer® Teaching Kits

HiPer® Molecular Biology Teaching Kits

HiPer® Agarose Gel Electrophoresis Teaching Kit Contents: Genomic DNA, Plasmid DNA, Agarose, 50X TAE, 1kb DNA Ladder, Gel Loading Buffer.	HTBM001-10PR	10pr*
HiPer® Plasmid DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, <i>E. coli</i> cells (with plasmid), Solutions (Lysis, Wash, Elution etc.), Agarose, Columns, LB Broth, Agar powder, Tubes, 50X TAE, Ampicillin, Gel Loading Buffer	HTBM002-10PR HTBM002-20PR	10pr* 20pr*
HiPer® Plasmid DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, <i>E. coli</i> cells (with plasmid), Agarose, Solutions (Lysis, Wash, Elution etc.), LB Broth, Agar powder, Tubes, 50X TAE, Ampicillin, Gel Loading Buffer	HTBM003-20PR	20pr*
HiPer® Plant Genomic DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, Solutions (Lysis, Wash, Binding, Elution etc.), Agarose, Columns, Shredder, Tubes, 50X TAE, RNase A Solution, Loading Buffer	HTBM004-10PR	10pr*
HiPer® Plant Genomic DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, CTAB Powder, Extraction and Wash Buffer, Agarose, 50X TAE, Tubes, RNase A Solution, Gel Loading Buffer	HTBM005-10PR	10pr*
HiPer® Blood Genomic DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, Solutions (Lysis, Wash, Elution etc.), Proteinase K solution, RNase A Solution, Agarose, 50X TAE, Gel Loading Buffer, Columns, Tubes	HTBM006-10PR HTBM006-20PR	10pr* 20pr*
HiPer® Blood Genomic DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, RBC and WBC Lysis Buffer, Precipitation and Elution Buffer, RNase A Solution, Isopropanol, Agarose, Gel Loading Buffer, 50X TAE, Tubes	HTBM007-10PR HTBM007-20PR	10pr* 20pr*
HiPer® Bacterial Genomic DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, Bacterial Cell Pellets, Solutions (Lysis, Wash, Elution), Proteinase K Solution, RNase A Solution, Columns, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM008-10PR	10pr*
HiPer® Bacterial Genomic DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, Bacterial Cell Pellets, Solutions (Lysis, Wash, Elution), Proteinase K Solution, RNase A Solution, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM009-10PR	10pr*
HiPer® Gel Extraction Teaching Kit (Column Based) Contents: Control DNA, Sample DNA, Gel Bind Buffer, Gel Wash Buffer, Elution Buffer, Columns, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM010-10PR	10pr*

*Preparation

All Teaching Kits to be Stored at 15-25°C except certain components specified in each kit (as specified on label)

Product	Code	Packing
HiPer® Gel Extraction Teaching Kit (Solution Based) Contents: Control DNA, Sample DNA, Glass Powder Suspension, Chaotropic Salt solution, Elution Buffer, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM011-10PR	10pr*
HiPer® Total RNA Extraction Teaching Kit Contents: RNA X-Press™ Reagent, Isopropyl alcohol, RNase free water, RNA Gel Loading Buffer, 10X MOPS Electrophoresis Buffer, Formaldehyde, Agarose, Tubes	HTBM012-10PR	10pr*
HiPer® Yeast Genomic DNA Extraction Teaching Kit Contents: Control DNA, Yeast cells, Sorbitol Buffer, Solutions (Lysis, Wash, Elution), Enzyme Solution, RNase A Solution, Proteinase K solution, YPD, Columns, Tubes, Agarose, 50X TAE Gel Loading Buffer	HTBM013-10PR	10pr*
HiPer® DNA Molecular Size Determination Teaching Kit Contents: Agarose, 50X TAE, Test Samples, 1 kb DNA Ladder	HTBM014-10PR	10pr*
HiPer® Restriction Digestion Teaching Kit Contents: Lambda DNA, DNA Marker, Agarose, Enzyme EcoR I, Enzyme Hind III, 10X Assay Buffers, MB Grade Water, 50X TAE, Tubes, Gel Loading Buffer	HTBM015-10PR	10pr*
HiPer® PCR Teaching Kit Contents: 10X Assay Buffer, Control PCR Product, 2.5 mM dNTP mix, 1 kb DNA ladder, primers, Taq polymerase, Template DNA, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes.	HTBM016-10PR	10pr*
HiPer® Transformation Teaching Kit Contents: Ampicillin, LB Broth, Agar powder, <i>E. coli</i> strain, Plasmid DNA, 1M CaCl ₂ solution, Tubes, X-Gal, IPTG.	HTBM017-10PR	10pr*
HiPer® Bacterial Gene Expression Teaching Kit Contents: <i>E. coli</i> strain, Ampicillin, IPTG, Cell lysis buffer, Acrylamide, Tris Solutions, APS, TEMED, Sample Loading Buffer, Gel Running Buffer, Staining and Destaining solutions, Protein Marker, LB Broth, Agar powder, Tubes.	HTBM018-5PR	5pr*
HiPer® Ligation Teaching Kit Contents: Digested Lambda DNA, Ligase Assay Buffer, T4 DNA Ligase, Gel Loading Buffer, Agarose, 50X TAE, Tubes	HTBM019-5PR HTBM019-20PR	5pr* 20pr*
HiPer® Restriction Mapping Teaching Kit Contents: Plasmid DNA, Enzyme EcoR I, Enzyme Hind III, 10X Assay Buffer, 1 kb DNA ladder, Gel Loading Buffer, MB Grade water, 50X TAE, Agarose, Tubes.	HTBM021-5PR HTBM021-20PR	5pr* 20pr*
HiPer® Plasmid DNA Cloning Teaching Kit Contents: Control Plasmid DNA, <i>E. coli</i> (Host), Vector, Insert, T4 DNA ligase, Assay Buffer, 1M CaCl ₂ , LB Broth, Agar powder, Ampicillin, Tubes	HTBM022-5PR	5pr*

Product	Code	Packing
HiPer® Multiplex PCR Teaching Kit Contents: 10X Assay Buffer, 2.5 mM dNTP mix, 100bp DNA ladder, primers, Taq polymerase, Template DNA, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes	HTBM023-5PR	5pr*
HiPer® RT-PCR Teaching Kit Contents: Total RNA, 10X solution, 10X Assay Buffer, RT Buffer, MB Grade Water, MgCl ₂ , dNTP Mix, MMuLV Reverse Transcriptase, Agarose, 50X TAE, Gel Loading Buffer, Primers, DNA Ladder, Taq Polymerase, Tubes.	HTBM024-5PR	5pr*
HiPer® Yeast Transformation Teaching Kit Contents: Yeast cells, YT Buffer, PEG solution, MB Grade Water, YPD Broth, SD Growth Medium w/o LEU, Agar, Carrier DNA, Plasmid DNA, Tubes.	HTBM025-10PR	10pr*
HiPer® Restriction Fragment Length Polymorphism (RFLP) Teaching Kit Contents: Reference and Test Samples, 1 kb DNA Ladder, Enzyme EcoR I, Enzyme Pst I, Assay Buffer, MB Grade Water, 50X TAE, Agarose, Gel Loading Buffer, Tubes	HTBM026-5PR HTBM026-25PR	5pr* 25pr*
HiPer® Southern Blotting Teaching Kit Contents: DNA sample, Prehybridization and Hybridization Buffer, Biotinylated Probe, Wash Buffers, Blocking Buffer and Powder, Streptavidin-HRP Conjugate, Tween® 20, Agarose, 10X TBE, Transfer Buffer, Nylon Membrane with Filter Paper, Disposable Petriplate	HTBM027-5PR	5pr*
HiPer® Northern Blotting Teaching Kit Contents: RNA sample, Prehybridization and Hybridization Buffer, Biotinylated Probe, Wash Buffers, Blocking Buffer and Powder, Transfer Buffer, Streptavidin-HRP Conjugate, Tween® 20, Agarose, Electrophoresis Buffer, Nylon Membrane with Filter Paper, Wicks, Disposable Petriplate, Blotting sheets	HTBM028-5PR	5pr*
HiPer® PCR Application Teaching Kit Contents: Taq DNA polymerase, Primer mix, Test samples, Control PCR product, 100 bp DNA Ladder, Assay Buffer with 25mM MgCl ₂ and 2.5mM dNTP mix, Agarose, 50X TAE, Gel Loading Buffer, Tubes.	HTBM030-5PR HTBM030-20PR	5pr* 20pr*
HiPer® Random Amplification of Polymorphic DNA (RAPD) Teaching Kit Contents: Reference and Test Samples, DNA Ladder, Random primer, Assay Buffer, MB Grade Water, 50X TAE, Agarose, Loading Dye, PCR Tubes, dNTP mix, Taq polymerase.	HTBM031-5PR	5pr*
HiPer® Real-time PCR Teaching Kit Contents: SYBR Master Mix, Primer Mix, Molecular Biology Grade Water for RT-PCR, Template DNA, PCR Tubes.	HTBM032-10PR	10pr*
HiPer® InstaDNA™ Teaching Kit Contents: InstaDNA™ Card, Blood lancet, 10X Assay Buffer, Control PCR Product, 2.5 mM dNTP mix, 100 bp DNA ladder, primers, Taq polymerase, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes.	HTBM033-5PR	5pr*

Product	Code	Packing
HiPer® Single Nucleotide Polymorphism (SNP) Teaching Kit Contents: 2X PCR Master Mix, SNP DNA, Normal DNA, Primer Mix for SNP, 50bp DNA Ladder, MB Grade water, Agarose, 50X TAE, Gel Loading Buffer, PCR Tubes.	HTBM034-10PR	10pr*
HiPer® GMO Detection Teaching Kit Contents: 2X PCR Master Mix, Template DNA 1 & 2, Primer Mix 1 & 2, 50bp DNA Ladder, MB Grade Water, Agarose, 50X TAE, Gel Loading Buffer, PCR Tubes.	HTBM035-5PR	5pr*
HiPer® Cloning Teaching Kit (Blue-White selection) Contents: Ampicillin, LB broth, LB agar, <i>E.coli</i> host, vector, insert, control plasmids, 10X ligase assay buffer, T ₄ DNA ligase, 1M Calcium chloride, collection tubes, polypropylene (2.0ml), polypropylene tube (0.2 ml), X-Gal, IPTG.	HTBM036-5PR	5pr*
HiPer® Microbiology Teaching Kits		
HiPer® Bacterial Growth Curve Teaching Kit Contents: <i>E. coli</i> culture, LB Broth, Agar Powder	HTM001-10PR	10pr*
HiPer® Antibiotic Sensitivity Teaching Kit Contents: Cultures (<i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i>), Antibiotic discs (Chloramphenicol, Tetracycline, Kanamycin, Gentamycin, Vancomycin), Cotton swabs, Mueller Hinton Agar, Saline, Applicator	HTM002-15PR	15pr*
HiPer® Phage Titration Teaching Kit Contents: <i>E. coli</i> (Host), Phage lysate, LB Broth, Agar powder, Tryptone, NaCl, SM Buffer, Maltose and MgCl ₂ Solution, Tubes	HTM003-10PR	10pr*
HiPer® Bacterial Conjugation Teaching Kit Contents: <i>E. coli</i> donor and recipient strain, Streptomycin, Tetracyclin, LB Broth, Agar powder.	HTM004-5PR HTM004-20PR	5pr* 20pr*
HiPer® Transduction Teaching Kit Contents: Donor, Recipient and Susceptible host strains, Phage lysate, 1M CaCl ₂ , LB Broth, Agar powder, Tubes, Dextrose, MgCl ₂ , Ampicillin, Chloramphenicol	HTM005-5PR HTM005-20PR	5pr* 20pr*
HiPer® Ezy MIC™ Teaching Kit Contents: <i>S. aureus</i> culture, MIC Strips (Ciprofloxacin, Vancomycin, Azithromycin, Linezolid, Amikacin), Mueller Hinton Agar, Sterile cotton swabs, Applicator, Saline.	HTM006-10PR	10pr*
HiPer® Protein Assay Teaching Kits		
HiPer® SDS-PAGE Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, APS, TEMED, Agarose, Staining and Destaining Solution.	HTP001-10PR HTP001-20PR	10pr* 20pr*
HiPer® Protein Silver Staining Teaching Kit Contents: Fixative Solution, Reducer Solution, Developing Solution, Stopping Solution, Protein Samples, Protein Marker, Sample Loading Buffer, Silver nitrate, Acrylamide solution, Tris solutions (pH 6.8 and 8.8), Agarose, APS, TEMED.	HTP002-5PR	5pr*

Product	Code	Packing
HiPer® Native PAGE Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, APS, TEMED, PBS, Agarose, Staining and Destaining Solution.	HTP003-5PR	5pr*
HiPer® Immunology Teaching Kits		
HiPer® Latex Agglutination Teaching Kit Contents: Antigen Solution, Negative Control, Positive Control, Agglutination Cards, Mixing Sticks	HTI001-20PR	20pr*
HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antigen-Antibody Pattern) Contents: Agarose, 10X Assay Buffer, Antiserums, Antigens, Glass Plate, Gel Puncher, Template	HTI002-10PR	10pr*
HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antibody Titration) Contents: Agarose, 10X Assay Buffer, Test Antiserum, Antigen, Glass plate, Gel puncher, Template	HTI003-15PR	15pr*
HiPer® Radial Immunodiffusion Teaching Kit Contents: Agarose, Assay Buffer, Antiserum, Standard and Test Antigens, Glass Plate, Gel Puncher, Template	HTI004-20PR	20pr*
HiPer® Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Antigen, Test Antiserums, Template, Glass Plate, Gel puncher	HTI005-5PR HTI005-20PR	5pr* 20pr*
HiPer® Rocket Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Antiserum, Standard Antigens, Test Antigens, Glass Plate, Gel Puncher, Template.	HTI006-5PR HTI006-20PR	5pr* 20pr*
HiPer® Counter Current Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Positive Control, Test Antiserums, Antigen, Glass Plate, Template, Gel Puncher	HTI007-10PR HTI007-20PR	10pr* 20pr*
HiPer® Blood Grouping Teaching Kit Contents: Anti A Sera, Anti B Sera, Anti RhD Sera, Cavity Slide, Mixing Stick, Blood Lancet	HTI008-100PR	100pr*
HiPer® Western Blotting Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, Transfer Buffer, Blocking Reagent, Diluent Buffer, Wash Buffer, Assay Buffer, Primary antibody, HRP Conjugate Antibody, TMB/H ₂ O ₂ , Staining and Destaining Solution, Nitrocellulose Membrane with Filter Paper	HTI009-5PR HTI009-20PR	5pr* 20pr*
HiPer® Quantitative Precipitin Assay Teaching Kit Contents: Antigen, Test Anti-Sera, Assay Buffer, NaOH Solution, Tubes	HTI011-10PR	10pr*

Product	Code	Packing
HiPer® Antigen Capture ELISA Teaching Kit Contents: Standard antigen, Antibody, Test Samples, HRP labeled Antigen, Blocking Buffer, TMB/H ₂ O ₂ , Coating Buffer, Wash Buffer, Stop Solution, Microtitre Plate	HTI012-4PR	4pr*
HiPer® Antibody Capture ELISA Teaching Kit Contents: Coating Antigen, Standard Primary Antibody, Test Samples, HRP-Conjugated Secondary Antibody, Blocking Buffer, TMB/H ₂ O ₂ , Coating Buffer, Wash Buffer, Stop Solution, Microtitre Plate	HTI013-4PR	4pr*
HiPer® Sandwich ELISA Teaching Kit Contents: Standard Antigen, Capture Antibody, Test Samples, HRP-Conjugated Antibody, Blocking Buffer, Coating Buffer, TMB/H ₂ O ₂ , Wash Buffer, Stop Solution, Microtitre Plate	HTI014-4PR	4pr*
HiPer® Dot ELISA Teaching Kit Contents: Dot ELISA Strip, Assay Buffer, HRP-Conjugated Antibody, TMB/H ₂ O ₂ , Test Serum Samples, Tubes.	HTI015-15PR	15pr*
HiPer® Immunoprecipitation Teaching Kit Contents: Electrophoresis Buffer, Sample Loading Buffer, Acrylamide solution, APS, TEMED, Agarose, Staining and Destaining Solution, Protein A Slurry, Antigen, Antibody, Wash Buffer, Tubes, Tris Buffers (pH 6.8 & 8.8), Protein Marker, Assay Buffer.	HTI016-5PR	5pr*
HiPer® Widal Test Teaching Kit (Slide Test) Contents: Widal Slide, <i>Salmonella typhi</i> antigen (H, O), <i>Salmonella paratyphi</i> antigen (AH, BH), Positive and Negative Controls, Mixing Sticks, Test Sample.	HTI017-20PR	20pr*
HiPer® Widal Test Teaching Kit (Tube Test) Contents: <i>Salmonella typhi</i> antigen (H, O), <i>Salmonella paratyphi</i> antigen (AH, BH), Test sample	HTI018-10PR	10pr*
HiPer® RA Test Teaching Kit Contents: Latex reagent for RA, Positive and Negative Control, Mixing Sticks, Disposable Agglutination Cards.	HTI019-20PR	20pr*
HiPer® RPR Test Teaching kit Contents: RPR antigen, Positive and Negative Control, Slide, Mixing Stick.	HTI020-20PR	20pr*
HiPer® VDRL Test Teaching Kit Contents: VDRL Slide, VDRL antigen, Positive and Negative Control, Mixing Sticks	HTI021-10PR	10pr*
HiPer® IgG Purification Teaching Kit Contents: Protein A agarose column, Test sample, Binding buffer, Elution buffer, Neutralization Buffer, Reagents for SDS-PAGE	HTI022-5PR	5pr*
HiPer® Biochemistry Teaching Kits		
HiPer® Yeast Cell Immobilization Teaching Kit Contents: Yeast Cells, Sodium alginate, 1.5% Calcium chloride Solution, YPD, Agar powder, Glucose Solution, Diluent Buffer, Sucrose, DNSA Reagent, Potassium sodium tartrate, Centrifuge Tubes	HTBC001-10PR	10pr*

Product	Code	Packing
HiPer® Carbohydrates Estimation Teaching Kit (Qualitative) Contents: Standard Sugars (Glucose, Starch, Ribose, Fructose), Test Sugars, 1-Naphthol, Benedict's Reagent, Barfoed's Reagent, Resorcinol, Orcinol, Ferric chloride Solution, Iodine Reagent	HTBC002-25PR	25pr*
HiPer® Carbohydrates Estimation Teaching Kit (Quantitative) Contents: Glucose Standard, DNSA Reagent, Potassium sodium tartrate, Test Samples.	HTBC003-10PR	10pr*
HiPer® Protein Estimation Teaching Kit (Qualitative) Contents: Standard Protein Samples, Test Samples, Biuret Reagent, Ninhydrin Reagent, NaOH solution, Lead acetate Solution, Ammonium molybdate Solution	HTBC004-25PR	25pr*
HiPer® Protein Estimation Teaching Kit (Quantitative) Contents: Standard Protein Samples, Test Samples, Biuret Reagent, Folin's Reagent, Bradford's Reagent	HTBC005-5PR	5pr*
HiPer® DNA Estimation Teaching Kit Contents: Standard DNA Sample. Diphenylamine, Diluent Buffer, Test Samples	HTBC006-5PR HTBC006-20PR	5pr* 20pr*
HiPer® RNA Estimation Teaching Kit Contents: Standard RNA Sample, Orcinol monohydrate, Ferric chloride (anhydrous), 20X SSC, Test Samples	HTBC007-5PR HTBC007-20PR	5pr* 20pr*
HiPer® SGOT(ASAT) Estimation Teaching Kit New Contents: Substrate reagent (SGOT), Pyruvate standard (2mM), DNPH Reagent, NaOH Reagent (4N), Molecular Biology Grade Water.	HTBC008-20PR	20pr*
HiPer® SGPT(ALAT) Estimation Teaching Kit New Contents: Substrate reagent (SGPT), Pyruvate standard (2mM), DNPH Reagent, NaOH Reagent (4N), Molecular Biology Grade Water.	HTBC009-20PR	20pr*
HiPer® Chromatography Teaching Kits		
HiPer® Ion Exchange Chromatography Teaching Kit Contents: CM-Cellulose, Phosphate Buffer, <i>Micrococcus luteus</i> culture, NaCl Solution, Standard Lysozyme, Column, Tubes, Buffer A and B.	HTC001-5PR	5pr*
HiPer® Affinity Chromatography Teaching Kit Contents: Concanavalin A- Agarose Suspension, Standard Protein, Crude Protein Sample, Elution Buffer, Sodium acetate Buffer, H ₂ O ₂ , ABTS, Folin's Reagent, Column, Solutions (A, B, and C).	HTC002-5PR	5pr*
HiPer® Thin Layer Chromatography Teaching Kit Contents: Amino acid Samples (Arginine, Glutamine, Valine etc.), Test Sample, TLC Plates, Developing Reagent, TLC Solvent	HTC003-10PR	10pr*
HiPer® Gel Filtration Chromatography Teaching Kit Contents: Gel Filtration Column (2 ml), Gel Filtration Buffer, Sample	HTC004-5PR	5pr*



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MOLECULAR BIOLOGY LAB AIDS PRODUCTS

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InstaDNA™ Card Punch	616
Dialysis Membrane	616



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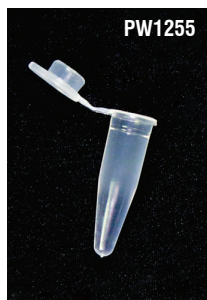


Product
Code
Packing
Product
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Packing

Laboratory Aids for Molecular Biology

PCR Consumables

PCR Tubes


CG281

PW1255

PCR Tubes, Flat lid Autoclavable, Conical Bottom, with Graduation, Vol. 0.5ml, Material : Polypropylene (PP)	CG281-1x1000NO	1x1000 no
PCR Tubes, Flat lid Autoclavable, Conical Bottom, without Graduation, Vol. 0.2ml, Material : Polypropylene (PP)	CG282-1x1000NO	1x1000 no
PCR Tubes, Thin walled DNA/RNase free, Autoclavable, Conical Bottom, without Graduation, Flat lid, Vol. 0.2ml	PW1255-1x1000NO	1x1000 no

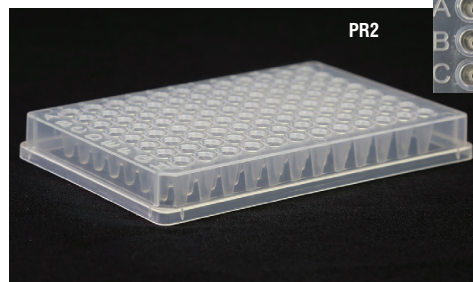
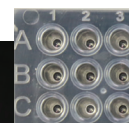
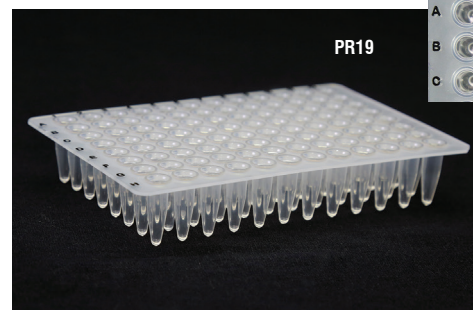
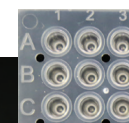
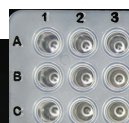

PR15

PR16

PR17

8-Strip PCR Tube with dome cap - Clear Vol. 0.2ml	PR12-1x300NO	1x300 no
8-Strip PCR Tube without cap - Clear Vol. 0.2ml	PR14-1x125NO	1x125 no
8-Strip PCR Tube Flat caps - Clear	PR15-1x300NO	1x300 no
8-Strip optically clear Dome caps for Real-time PCR	PR16-1x300NO	1x300 no
8-Strip tubes & optically clear flat caps for Real-time PCR Vol. 0.2ml	PR17-1x300NO	1x300 no

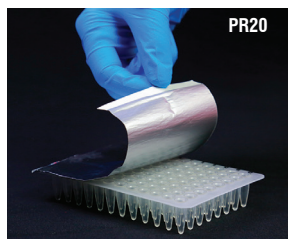
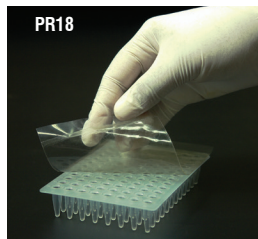
PCR Blocks, Plates & Sealings


PR2

PR3

PR19


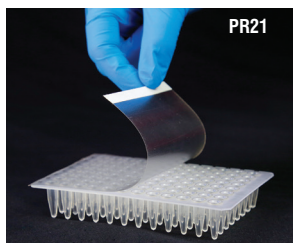
- Available in 96 well format.
- Available volume : 0.2 ml.
- Full-skirted, semi-skirted & non-skirted type.

PCR Blocks Full-skirt, natural, sterile, Alphanumeric marking, 96 well, 0.2 ml volume.	PR2-1x25NO	1x25 no
PCR Blocks Semi-skirt, natural, sterile, Alphanumeric print, 96 well, 0.2 ml volume.	PR3-1x25NO	1x25 no
PCR Blocks Non-skirt, natural, sterile, Alphanumeric marking, 96 well, 0.2 ml volume.	PR4-1x25NO	1x25 no

Product	Code	Packing
PCR Blocks Non-skirt, natural, sterile, Alphanumeric marking, RNase, DNase free, 96 well, 0.2 ml volume.	PR5-1x25NO	1x25 no
PCR Blocks Non-skirt, natural, sterile, Alphanumeric print, RNase, DNase free, 96 well, 0.2 ml volume.	PR19-1x25NO	1x25 no

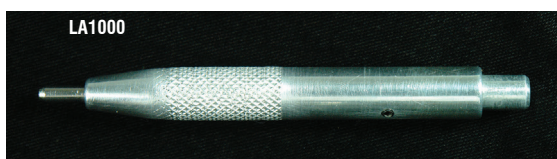


Optical Sealing Film 96 well PCR plate For Real time PCR	PR18-1x100NO	1x100 no
Aluminium Sealing Film Pierceable film, Use for Storage of samples in 96-well format.	PR20-1x100NO	1x100 no



Polypropylene Sealing Film Resealable film, Used for storage of samples in 96-well format.	PR21-1x100NO	1x100 no
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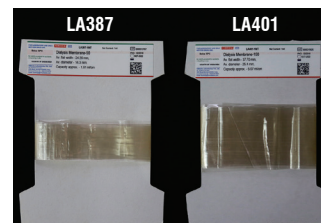
InstaDNA™ card Punch



InstaDNA™ card Punch, 3mm Punch size: 3mm, Metal body, Autoclavable.	LA1000-1NO	1 no
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Product	Code	Packing
Dialysis Membrane		

A regenerated seamless cellulose tubing; membrane is partially permeable and has molecular weight cut off between 12000 to 14000 Da. Pore size is 2.4 nanometers; ideal for filtration and osmosis work. Following sizes are available:



Dialysis Membrane-50 Av. flat width - 22.54 mm, Av. diameter - 14.3 mm, capacity approx - 1.61 ml/cm	LA387-1MT LA387-5MT LA387-10MT LA387-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-60 Av. flat width - 25.27 mm, Av. diameter - 15.9 mm, capacity approx - 1.99 ml/cm.	LA390-1MT LA390-5MT LA390-10MT LA390-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-70 Av. flat width - 28.46 mm, Av. diameter - 17.5 mm, capacity approx - 2.41 ml/cm.	LA393-1MT LA393-5MT LA393-10MT LA393-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-110 Av. flat width - 31.13 mm, Av. diameter - 21.5 mm, capacity approx - 3.63 ml/cm.	LA395-1MT LA395-5MT LA395-10MT LA395-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-135 Av. flat width - 33.12 mm, Av. diameter - 23.8 mm, capacity approx - 4.45 ml/cm.	LA398-1MT LA398-5MT LA398-10MT LA398-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-150 Av. flat width - 37.70 mm, Av. diameter - 25.4 mm, capacity approx - 5.07 ml/cm.	LA401-1MT LA401-5MT LA401-10MT LA401-30MT	1 mt 5 mt 10 mt 30 mt



Dialysis Closure Clips A perfect closure device for dialysis tubing of lay flat width from 4 mm to 55 mm. Clips are made of robust polypropylene which allows repeated use without any reduction in its function.	LA404-10NO	10 no
Dialysis Tubing Size 1 Dia 8/32, 6.3 mm	LA653-10MT LA653-30MT	10 mt 30 mt