

Bacteriological Differentiation Aids



Choose HiMedia's Microbiology Products

Your perfect choice of media can meet your quality control and research needs to enable right detection of microorganisms.



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Microbiological Stains



Bacteriological Differentiation Aids

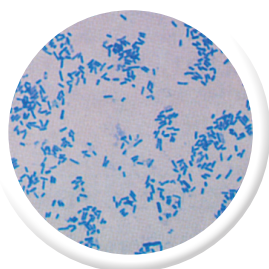
HIGH QUALITY MICROBIOLOGICAL STAINS FOR ACCURACY AND PRECISION

Stains play an important role in morphological evaluation of microorganisms which is an important tool used by pathologists to guide patient's treatment.

HiMedia offers vast array and valuable cost effective, ready-to-use stains and staining kits for microbiological / pathological laboratories, hospitals, research settings and educational institutes. These stains augment tissue morphology, demonstrate important cellular components, aid in the evaluation of diseases, and identifies pathogenic organisms.

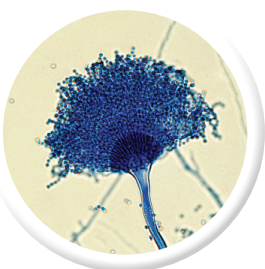
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300-305

Methylene Blue (Aqueous)



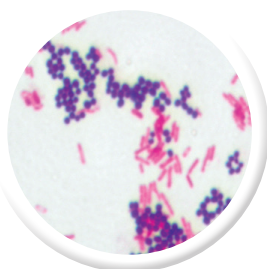
S021

Lactophenol Cotton Blue



S016

Gram Stains Kit



K001

Albert's Metachromatic Stains Kit



K002

Nigrosin Stain - 10% w/v



S025

MICROBIOLOGICAL STAIN KIT

Gram Stains Kit - K001, Albert's Metachromatic Stains Kit - K002, Neisser's Metachromatic Stains Kit - K003, Capsule Staining Kit - K004, ZN Acid Fast Stains Kit - K005, Schaeffer & Fulton's Spore Stains Kit - K006, Malarial Parasite Kit - K011, Fluorescent Stains Kit - K021, Malarial Parasite Kit - K049, Hifluo Phenol Free Stain kit for Mycobacteria - K061, HiCold Stain Kit - K062, Modified Neisser's Metachromatic Stains Kit - K063. For more details contact your local HiMedia sales representative.

Product

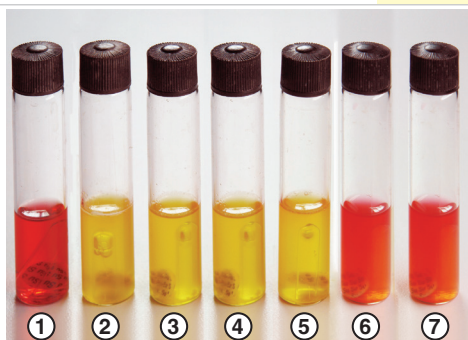
Code

Packing

Discs for Carbohydrate Fermentation Test

1vl = 25 Discs

Adonitol	Ad	DD025-1VL	1vl
Arabinose	Ar	DD001-1VL	1vl
Cellobiose	Ce	DD028-1VL	1vl
Dextrose	De	DD002-1VL	1vl
Dulcitol	Du	DD003-1VL	1vl
Galactose	Ga	DD016-1VL	1vl
Fructose	Fc	DD017-1VL	1vl
Inositol	Is	DD027-1VL	1vl
Inulin	In	DD026-1VL	1vl
Lactose	La	DD004-1VL	1vl
Maltose	Ma	DD005-1VL	1vl
Mannitol	Mn	DD006-1VL	1vl
Mannose	Mo	DD007-1VL	1vl
Melibiose	Mb	DD030-1VL	1vl
Raffinose	Rf	DD029-1VL	1vl
Rhamnose	Rh	DD010-1VL	1vl
Salicin	Sa	DD011-1VL	1vl
Sorbitol	Sb	DD012-1VL	1vl
Sucrose	Su	DD013-1VL	1vl
Trehalose	Te	DD031-1VL	1vl
Xylose	Xy	DD014-1VL	1vl


M054 Phenol Red Broth Base (With added DD004 Lactose)

1. Uninoculated control
2. *Citrobacter freundii* ATCC 8090 +
3. *Enterobacter aerogenes* ATCC 13048 +
4. *Escherichia coli* ATCC 25922 +
5. *Klebsiella pneumoniae* ATCC 13883 +
6. *Serratia marcescens* ATCC 8100 —
7. *Salmonella Typhimurium* ATCC 14028 —

Key : + = Acid and gas production — = no fermentation

Product

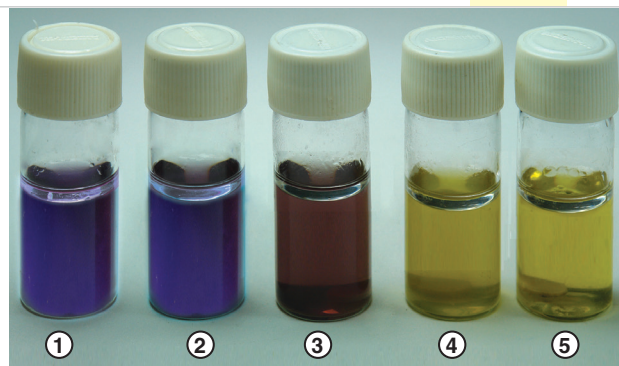
Code

Packing

Amino Acid Discs

1vl = 25 Discs

Lysine Hydrochloride	DD049-1VL	1vl
Arginine Hydrochloride	DD050-1VL	1vl
Ornithine Hydrochloride	DD051-1VL	1vl
Proline	DD052-1VL	1vl
Serine	DD053-1VL	1vl
Histidine	DD054-1VL	1vl

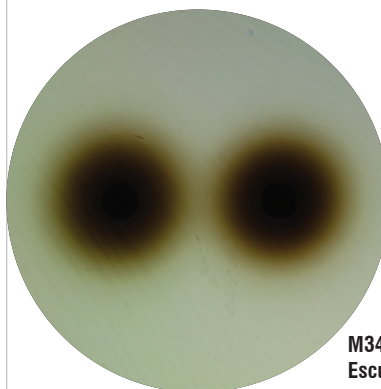

DD049 Lysine Hydrochloride disc-incorporated in Moeller decarboxylase Broth Base (M393)

1. *Enterobacter aerogenes* ATCC 13048 +
2. *Salmonella Typhi* ATCC 6539 +
3. Control
4. *Proteus vulgaris* ATCC 13315 —
5. *Shigella flexneri* ATCC 12022 —

Key : + = Positive reaction — = Negative reaction

Differentiation Discs and Strips

*Bacitracin (50 discs / vl) for identification of <i>Streptococcus pyogenes</i> .	B	DD015-1VL	1vl
*Bile Esculin (50 discs / vl) for detection of esculin hydrolysis in the presence of bile.		DD024-1VL	1vl

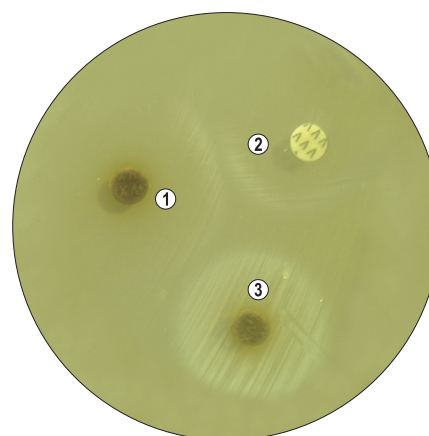

M340 Bile Esculin Agar Base with Bile Esculin Discs (DD024)
Enterococcus faecalis
ATCC 29212

Product	Code	Packing
*DMACA Indole Discs (50 discs / vl) for detection of indole formation by microorganisms.	Dm DD040-1VL	1vl
*Hippurate (25 Discs / vl) for hippurate hydrolysis testing.	Hp DD035-1VL	1vl
*Kovac's Reagent Strips (25 Strips / vl) for Indole testing.	DD019-1VL	1vl
*Lead Acetate Paper Strips (25 strips / vl) for H ₂ S testing.	DD034-1VL	1vl
*Nitrate Discs (50 discs / vl) substrate for detection of nitrate reduction by microorganisms.	N DD041-1VL	1vl
*Nitrate Reagent Discs (Twin Pack) Part A : 50 discs / vl Part B : Rehydrating fluid (5ml / vl) for detection of nitrate reduction by microorganisms.	Nr DD042-1VL	1vl
*ONPG (50 discs / vl) for ONPG testing.	On DD008-1VL	1vl
*Optochin (5 mcg) (50 discs / vl) for identification of <i>Streptococcus pneumoniae</i> .	Op DD009-1VL	1vl


M028 Peptone Water with added Nitrate Discs (DD041)

1. Control
2. *Salmonella* Typhimurium ATCC 14028
3. *Enterobacter aerogenes* ATCC 13048
4. *Escherichia coli* ATCC 25922
5. *Acinetobacter calcoaceticus* ATCC 23055

Product	Code	Packing
*Oxidase Discs (50 discs / vl) for Oxidase testing (10 mm).	DD018-1VL	1vl
**Spore Strips (25 strips/pack) steam sterilization monitor strips, <i>Bacillus stearothermophilus</i> , 10 ⁶ spores per strip.	DD032-1PK	1pk
**Spore Strips (<i>B. pumilus</i>) (25 strips / pack) radiation sterilization monitor strips, <i>Bacillus pumilus</i> , 10 ⁶ spores per strip.	DD039-1PK	1pk
Sterile Discs, 10mm	DD036-1VL	1vl
*X Factor (50 discs / vl) for presumptive identification of <i>Haemophilus</i> species.	X DD020-1VL	1vl
▼X+V Factor (50 discs/vl) for presumptive identification of <i>Haemophilus</i> species.	X+V DD022-1VL	1vl
▼ V Factor (50 discs / vl) for presumptive identification of <i>Haemophilus</i> species.	V DD021-1VL	1vl
*Vibrio O129 Differential Disc (10 mcg) (50 discs/vl) For differentiation of <i>Vibrio</i> species based on sensitivity to Vibriostatic agent O129.	DD047-1VL	1vl
*Vibrio O129 Differential Disc (150 mcg) (50 discs/vl) For differentiation of <i>Vibrio</i> species based on sensitivity to Vibriostatic agent O129	DD048-1VL	1vl


**1) X Factor (DD020) 2) V Factor (DD021)
3) X+V Factor (DD022)**
Haemophilus influenzae ATCC 35056

HiDtect™ Rapid Identification Disc



HiMedia has always been in frontline in finding solutions to the existing challenges in the field of microbiology and this urge has helped in the development of a wide range of products.

Latest and economical range of diagnostic product HiDtect™ Rapid Identification Disc has been developed which helps in direct identification of microorganisms from clinical samples, water samples, food samples, environment etc.

HiMedias new range of HiDtect™ Rapid Identification Discs is simple to perform. It eliminates the use of Selective Medias and further study elaborate biochemical tests.

Around twenty such unique discs are developed (DT001 to DT020) which finds application in various sectors of Food & Dairy industry, Water industry, Pharmaceuticals Laboratory Testing, Cosmetics industry, Environmental & Sanitary Testing, Clinical Diagnosis etc.

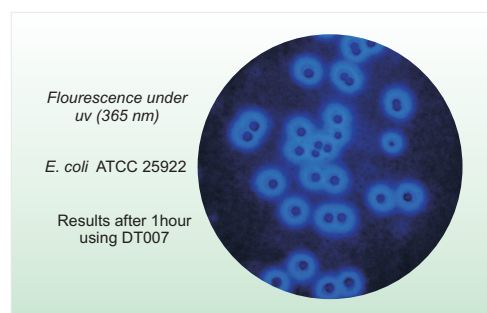
In either fields it involves the use of Enriched and Selective medias. The isolate is often presumptively identified morphologically by special staining methods and plated out on diagnostic medias. Further elaborate biochemical tests are done for confirmation of isolate recovered. Overall the whole procedure is time consuming, expensive and laborious. Hence there is continuous search for a technology that could aid in rapid, reliable, simple and economical diagnosis worldwide.

HiDtect™ Rapid Identification Discs have been developed which enables rapid and reliable detection of microorganisms.

It can detect metabolic activity as DNase activity of bacteria; useful for identification of pathogenic Staphylococci (DT004), identify pathogens causing UTI (DT001), study esculin hydrolysis and identify Group D Streptococci from food and pharmaceutical products (DT014). Discs identifying bacterias as *Salmonella* (DT002), *Pseudomonas* (DT003), *Bacillus* (DT011) *E.coli* and total coliforms (DT012 and DT013) also form part of HiDtect™ Rapid Identification Discs. On basis of Lactose Fermentation and Non lactose fermentation DT009 Discs detects *Enterobacteriaceae* and gram negative bacteria.

Ability to ferment sugars as Glucose (DT016), Lactose (DT017), Mannitol (DT018), Xylose (DT019), Sucrose (DT020) and characterisation of organisms can be studied within 1-4 hours using these discs. Besides these the organisms can be detected from environment (DT015), pathogens detected from foods (DT010) and microbial limit test organisms detected in pharmaceutical preparations using Universal Test Disc (DT005).

Detection of *E.coli* from water and food samples can be done using DT006, DT007, DT008 discs. HiDtect™ UTI identification Disc (DT001) helps identifying causing urinary tract infections, HiDtect™ *Bacillus* Identification disc (DT011) is also available for differentiation and identification of *Bacillus* from mixed cultures.



A method of detecting target organisms comprises following steps:

Step I Inoculation, Isolation and Incubation

Step II Replication and Identification

Testing method

It involves routine inoculating and isolation technique followed by replication and direct identification

Step I

Inoculate the organisms from sample on any of general purpose media, Nutrient Agar, Soyabean Casein Digest Agar, Plate Count Agar etc.

Adopt any of surface plating methods as; Spread Plate Method, Quadrant (four or five) streak pattern or T streak method so as to obtain isolated colonies from inoculums. Incubate at 35-37°C for 18-24 hours.

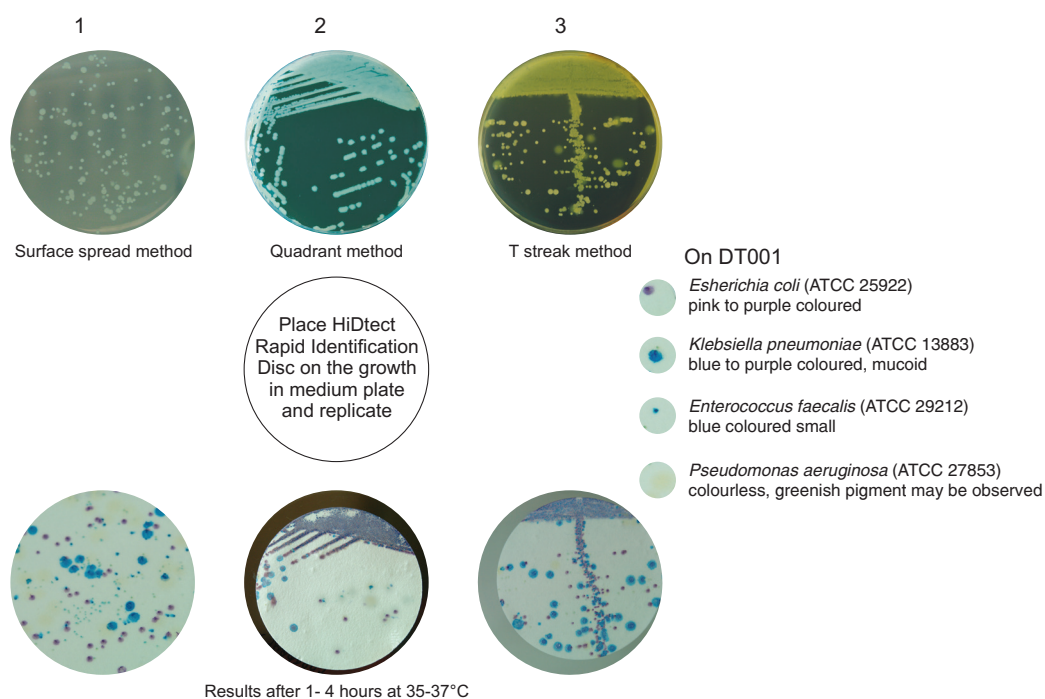
Check for bacterial growth

Step II

Place the HiDtect™ Rapid Identification disc of choice (suspected organisms) on the surface of Agar plate. Perform this step for maximum of 30 seconds. Mark the corresponding orientation of paper. This is replication technique.

Incubate the replicated identification disc in empty sterile petridish at 35-37° C for 1-4 hours. Alternately the disc may be kept for incubation on growth media at 35-37° C for 1-4 hours.

Observe for development of colour and interpret results.



HiDtect™ Rapid Identification Disc

HiDtect™

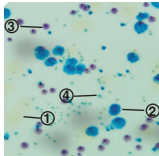
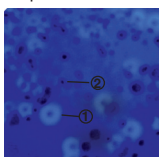
Rapid Identification Disc

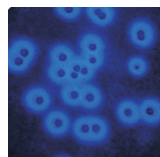
Revolutionizing microbial detection

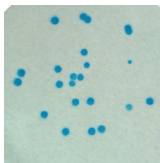
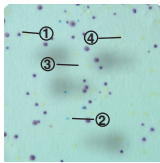
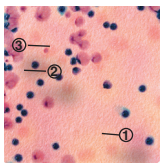

HiDtect™ one day culture test

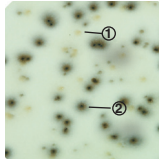
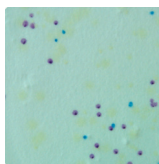
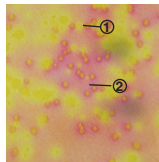
**'Confirmation
in just
1 - 4 hours'**

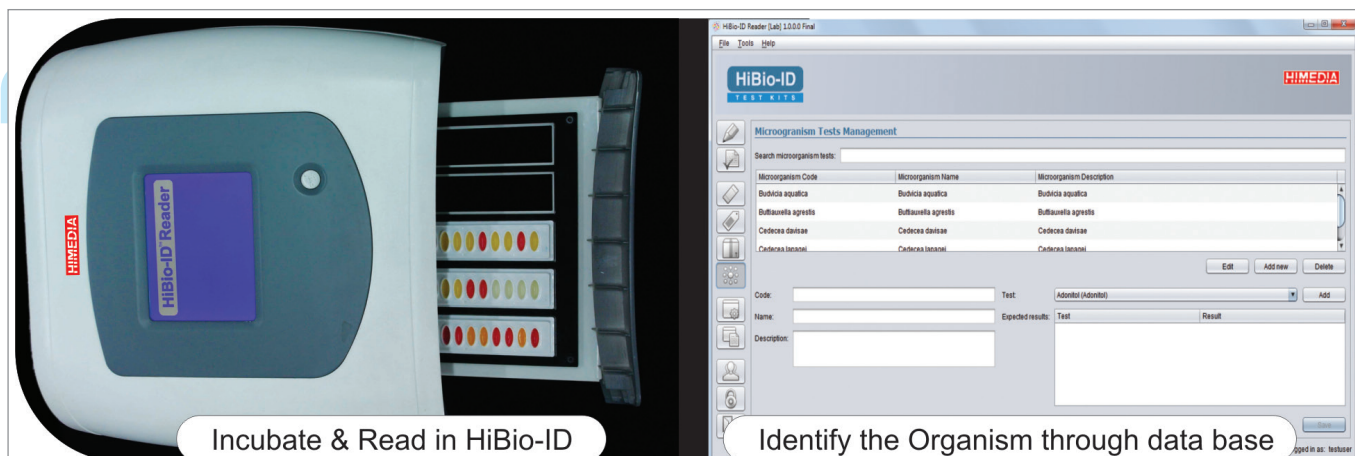
- ▶ Economical, Convenient, Rapid and Reliable test for confirmation of bacteria
- ▶ Beneficial to Clinical, Food & Meat industry, Dairy, Water, Pharmaceutical, Environmental and Cosmetic industry
- ▶ Direct application without any preparations, Results in just 1-4 hours.

Product	Code	Packing
HiDtect™ UTI Identification Disc For rapid detection and confirmation of microorganisms mainly causing urinary tract infection, for eg. <i>E. coli</i> , <i>Proteus</i> , <i>Klebsiella</i> , <i>Pseudomonas</i> , <i>S. aureus</i> , & <i>Enterococcus</i> species.	DT001-10DS DT001-25DS DT001-50DS	10discs 25discs 50discs
1) <i>Pseudomonas aeruginosa</i> (ATCC 27853) 2) <i>Klebsiella pneumoniae</i> (ATCC 13883) 3) <i>Escherichia coli</i> (ATCC 25922) 4) <i>Enterococcus faecalis</i> (ATCC 29212)		
		
HiDtect™ Salmonella Identification Disc For rapid detection of <i>Salmonella</i> species from coliforms.	DT002-10DS DT002-25DS DT002-50DS	10discs 25discs 50discs
HiDtect™ Pseudomonas Identification Disc For rapid detection of <i>Pseudomonas aeruginosa</i> from clinical and nonclinical specimens.	DT003-10DS DT003-25DS DT003-50DS	10discs 25discs 50discs
1) <i>Pseudomonas aeruginosa</i> (ATCC 27853) fluorescence 2) <i>Escherichia coli</i> (ATCC 25922) blue coloured no fluorescence		
		

Product	Code	Packing
HiDtect™ DNase Identification Disc For rapid detection of deoxyribonuclease (DNA) activity of bacteria especially for identification of pathogenic <i>Staphylococci</i> .	DT004-10DS DT004-25DS DT004-50DS	10discs 25discs 50discs
HiDtect™ Universal Microbial Limit Test Disc Recommended for detection of pathogenic microorganisms such as <i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i> and <i>Salmonella</i> species from pharmaceutical preparations, raw materials, cosmetic samples etc.	DT005-10DS DT005-25DS DT005-50DS	10discs 25discs 50discs
HiDtect™ E.coli Chromogenic Identification Disc For rapid detection & confirmation of <i>Escherichia coli</i> in water and food samples.	DT006-10DS DT006-25DS DT006-50DS	10discs 25discs 50discs
HiDtect™ E.coli Fluorogenic Identification Disc For rapid detection & confirmation of <i>Escherichia coli</i> in water and food samples on the basis of fluorogenic emission at 365 nm.	DT007-10DS DT007-25DS DT007-50DS	10discs 25discs 50discs
<i>Escherichia coli</i> (ATCC 25922)		
		

Product	Code	Packing
HiDtect™ Dual Confirmation of E.coli Identification Disc For rapid detection & confirmation of <i>Escherichia coli</i> in water and food samples.  <i>Escherichia coli</i> (ATCC 25922) Blue colour	DT008-10DS DT008-25DS DT008-50DS	10discs 25discs 50discs
HiDtect™ Differential Identification Disc For rapid differentiation of Lactose fermenting and Lactose non fermenting enteric bacteria from water, food, dairy products, cosmetics, pharmaceutical preparations etc.	DT009-10DS DT009-25DS DT009-50DS	10discs 25discs 50discs
HiDtect™ Universal Food pathogen Identification Disc For rapid detection of food pathogens such as <i>E. coli</i> , <i>E. coli</i> O157:H7, <i>Staphylococcus aureus</i> , <i>Salmonella</i> , <i>Bacillus</i> , <i>Listeria</i> and <i>Shigella</i> species etc. from various food, dairy, fish, and meat products. 1) <i>Listeria monocytogenes</i> (ATCC 19111) 2) <i>Escherichia coli</i> (ATCC 25922) 3) <i>Escherichia coli</i> O157:H7 (NCTC 12900) 4) <i>Pseudomonas aeruginosa</i> (ATCC 27853) 	DT010-10DS DT010-25DS DT010-50DS	10discs 25discs 50discs
HiDtect™ Bacillus Identification Disc For rapid detection and differentiation between various species of <i>Bacillus</i> such as <i>B. subtilis</i> , <i>B. cereus</i> , and <i>B. thuringiensis</i> from food, meat, fish, cosmetic and pharmaceutical preparations.	DT011-10DS DT011-25DS DT011-50DS	10discs 25discs 50discs
HiDtect™ Total Coliform Identification Disc For qualitative detection of coliforms from water, pharmaceutical preparations, dairy and food products. 1) <i>Escherichia coli</i> (ATCC 25922) Dark blue coloured 2) <i>Enterobacter cloacae</i> (ATCC 23355) Salmon to red coloured 3) <i>Klebsiella pneumoniae</i> (ATCC 13883) Light pink mucoid coloured 	DT012-10DS DT012-25DS DT012-50DS	10discs 25discs 50discs
HiDtect™ Differential Coli-E.coli Identification Disc For rapid detection of <i>E. coli</i> , <i>Klebsiella</i> , <i>Pseudomonas</i> and <i>Salmonella</i> species in food and environmental samples.	DT013-10DS DT013-25DS DT013-50DS	10discs 25discs 50discs

Product	Code	Packing
HiDtect™ Biochemical Esculin Identification Disc For rapid detection of Group D Streptococci from food, dairy, water samples and pharmaceutical products etc.  1) <i>Escherichia coli</i> (ATCC 25922) 2) <i>Enterococcus faecalis</i> (ATCC 29212)	DT014-10DS DT014-25DS DT014-50DS	10discs 25discs 50discs
HiDtect™ Universal Enviro Identification Disc For rapid detection of <i>Pseudomonas</i> , <i>Enterococcus</i> , <i>E. coli</i> and <i>Salmonella</i> species etc. from environmental samples, samples of clinical origin such as nosocomial samples. 1) <i>Pseudomonas aeruginosa</i> (ATCC 27853) colourless, greenish pigment may be observed 2) <i>Escherichia coli</i> (ATCC 25922) pink to purple coloured 3) <i>Enterococcus faecalis</i> (ATCC 29212) blue coloured small 	DT015-10DS DT015-25DS DT015-50DS	10discs 25discs 50discs
HiDtect™ Glucose Fermentation Disc For rapid detection of Glucose fermenting organisms from mixed flora where specific glucose fermentors will exhibit yellow colour.  1) <i>Staphylococcus aureus</i> (ATCC 25923) 2) <i>Escherichia coli</i> (ATCC 25922)	DT016-10DS DT016-25DS DT016-50DS	10discs 25discs 50discs
HiDtect™ Lactose Fermentation Disc For rapid detection of Lactose fermenting organisms from mixed flora where specific lactose fermentors will exhibit yellow colour.	DT017-10DS DT017-25DS DT017-50DS	10discs 25discs 50discs
HiDtect™ Mannitol Fermentation Disc For rapid detection of Mannitol fermenting organisms from mixed flora where specific mannitol fermentors will exhibit yellow colour.	DT018-10DS DT018-25DS DT018-50DS	10discs 25discs 50discs
HiDtect™ Xylose Fermentation Disc For rapid detection of Xylose fermenting organisms from mixed flora where specific xylose fermentors will exhibit yellow colour.	DT019-10DS DT019-25DS DT019-50DS	10discs 25discs 50discs
HiDtect™ Sucrose Fermentation Disc For rapid detection of Sucrose fermenting organisms from mixed flora where specific sucrose fermentors will exhibit yellow colour.	DT020-10DS DT020-25DS DT020-50DS	10discs 25discs 50discs



Incubate & Read in HiBio-ID

Identify the Organism through data base

- For accurate reading of results obtained on following KB and KBM strips after inoculation
- Culture will be Identified till species level
- Saves time, material and minimises manual error

HiBio-ID™ TEST KITS

A COMBINATION OF TESTS

- IMViC
- Carbohydrate utilization
- Amino acid utilization
- Phenylalanine deamination
- Urea utilization
- Malonate utilization
- Glucuronidase test
- Nitrate reduction
- Pyrrolidonyl-b-Naphthylamide hydrolysis (PYR)
- Esculin hydrolysis
- H₂S production
- Motility test
- Catalase test
- Oxidase test
- Salt tolerance test
- ONPG test
- Alkaline phosphatase

AVAILABLE WITH REAGENTS REQUIRED FOR EACH KIT

- Simple & accurate bacterial identification kit.
- A standardized, miniaturized version of Conventional Tube Biochemical methods.
- Available in pack size of 10 Kits & 20 Kits

Product

Code

Biochemical Identification Test Kits

HiIMViC™ Biochemical Test Kit

KB001

a combination of 12 tests for differentiation of *Enterobacteriaceae* species.

HiAssorted™ Biochemical Test Kit

KB002

a combination of 12 tests for identification of Gram-negative rods.

Hi25™ Enterobacteriaceae Identification Kit

KB003

a combination of 25 tests for identification of *Enterobacteriaceae* species.

HiStaph™ Identification Kit

KB004

a combination of 12 tests for identification of *Staphylococcus* species.

HiStrep™ Identification Kit

KB005A

a combination of 12 tests for identification of *Streptococcus* species.

HiCandida™ Identification Kit

KB006

a combination of 12 tests for identification of *Candida* species.

HiVibrio™ Identification Kit

KB007

a combination of 12 tests for identification of *Vibrio* species.

HiNeisseria™ Identification Kit

KB008

a combination of 12 tests for identification of *Neisseria* species.

HiCarbo™ Kit

KB009

a combination of 36 tests for utilization of carbohydrate tests. Kit contains Part A, Part B & Part C

HiCarbo™ Kit- Part A

KB009A

HiCarbo™ Kit- Part B

KB009B1

HiCarbo™ Kit- Part C

KB009C

Note : KB009 is available as a total kit and also individually as Part A, Part B & Part C

HiE. coli™ Identification Kit

KB010

a combination of 12 tests for identification of *E. coli*.

HiSalmonella™ Identification Kit

KB011

a combination of 12 tests for identification of *Salmonella* species.

HiListeria™ Identification Kit

KB012A

a combination of 12 tests for identification of *Listeria* species.

HiBacillus™ Identification Kit

KB013

a combination of 12 tests for identification of *Bacillus* species.

HiAcinetobacter™ Identification Kit

KB014

a combination of 12 tests for identification of *Acinetobacter* species.

Motility Biochemical Test Kits

HiMotility™ Biochemical Kit for E.coli

KBM001

a combination of 12 tests for confirmation of *E. coli* based on motility and other biochemical tests.

HiMotility™ Biochemical Kit for Salmonella

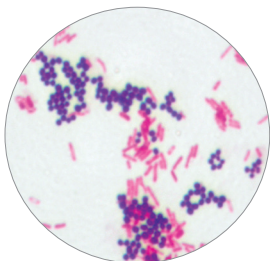
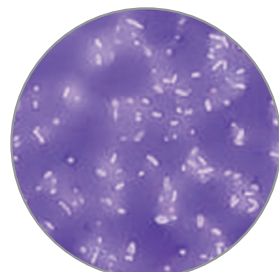
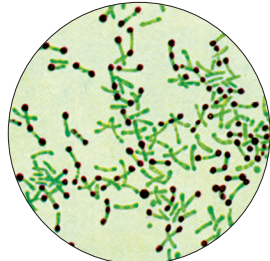
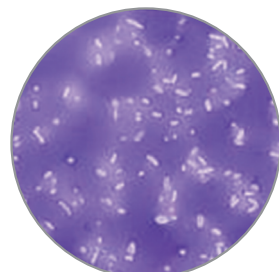
KBM002

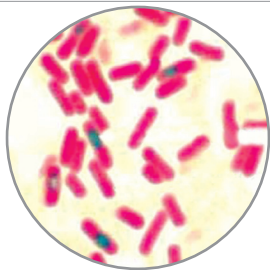
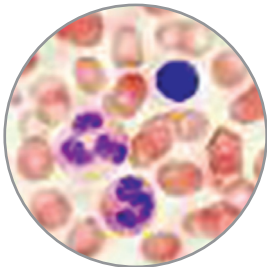
a combination of 12 tests for confirmation of *Salmonella* based on motility and other biochemical tests.

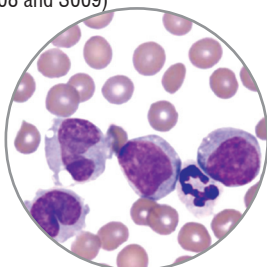
HiMotility™ Biochemical Kit for Listeria

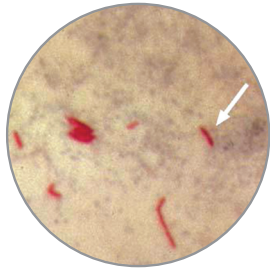
KBM003A

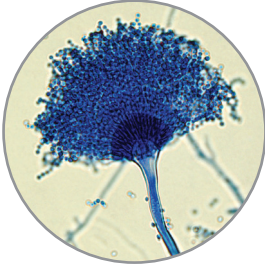
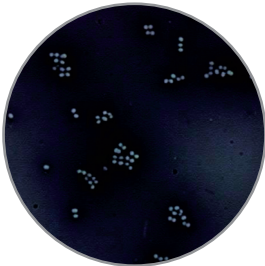
a combination of 12 tests for confirmation of *Listeria* based on motility and other biochemical tests.

Product	Code	Packing	Product	Code	Packing
Readymade Stains					
Stains for Gram Staining ▲					
Gram Stains - Kit (contains S012, S032, S013 and S027 or S038)	K001-1KT	1kt	Albert's Stain B	S002-125ML	125ml
 Gram Stains Kit (K001) Gram - positive : violet coloured Gram - negative : pinkish red coloured			Albert's Metachromatic Stains - Kit (contains S001 and S002)	K002L-1KT	1kt
			Albert's Stain A	S001-500ML	500ml
			Albert's Stain B	S002-500ML	500ml
			Neisser's Metachromatic Stains - Kit (contains S013, S023 and S037)	K003-1KT	1kt
			Gram's Iodine	S013-125ML	125ml
			Neisser's Methylene Blue	S023-100ML	100ml
Gram's Crystal Violet	S012-125ML	125ml	Neutral Red Solution	S037-100ML	100ml
Gram's Decolorizer	S032 - 2x125ML	2x125ml	Neisser's Metachromatic Stains - Kit (contains S013, S023 and S037)	K003L-1KT	1kt
Gram's Iodine	S013-125ML	125ml	Gram's Iodine	S013-500ML	500ml
Safranin, 0.5% w/v (Gram's Counterstain)	S027-125ML	125ml	Neisser's Methylene Blue	S023-500ML	500ml
Basic Fuchsin 0.1% w/v (Gram's counterstain)	S038-125ML	125ml	Neutral Red Solution	S037-500ML	500ml
Gram Stains - Kit (contains S012, S032, S013 and S027 or S038)	K001L-1KT	1kt	 Capsule Stains Kit (K004) Clear halos against dark background		
Gram's Crystal Violet	S012-500ML	500ml			
Gram's Decolorizer	S032-2x500ML	2x500ml			
Gram's Iodine	S013-500ML	500ml			
Safranin, 0.5% w/v (Gram's Counterstain)	S027-500ML	500ml			
Basic Fuchsin 0.1% w/v (Gram's counterstain)	S038-500ML	500ml	Stains for Capsule Staining ▲		
Stains for Metachromatic Staining ▲			Capsule Stains - Kit (contains S021 and S025)	K004-1KT	1kt
Methylene Blue (Loeffler's)	S022-125ML S022-500ML	125ml 500ml	 Albert's Metachromatic Stains Kit (K002) Metachromatic Granules - Black Cytoplasm - Light Green		
Albert's Metachromatic Stains - Kit (contains S001 and S002)	K002-1KT	1kt			
 Capsule Stains Kit (K004) Clear halos against dark background					
Albert's Stain A	S001-125ML	125ml	Methylene Blue (Aqueous)	S021-125ML	125ml
			Nigrosin Stain, 10% w/v	S025-100ML	100ml
			Capsule Stains - Kit (contains S021 and S025)	K004L-1KT	1kt
			Methylene Blue (Aqueous)	S021-500ML	500ml
			Nigrosin Stain, 10% w/v	S025-500ML	500ml

Product	Code	Packing
Stains for Spore Staining ▲		
Schaeffer & Fulton's Spore Stains - Kit (contains S028 and S029)	K006-1KT	1kt
 Schaeffer & Fulton's Spore Stains Kit (K006) Spore - Green Vegetative Cells - Pink		
Schaeffer & Fulton's Spore Stain A	S028-100ML	100ml
Schaeffer & Fulton's Spore Stain B	S029-100ML	100ml
Schaeffer & Fulton's Spore Stains - Kit (contains S028 and S029)	K006L-1KT	1kt
Schaeffer & Fulton's Spore Stain A	S028-500ML	500ml
Schaeffer & Fulton's Spore Stain B	S029-500ML	500ml
Blood Films Stains for Spirochaetes, Protozoa and other purpose ▲		
Brilliant Cresyl Blue Solution	S066-100ML	100ml
Giemsa's Stain	S011-100ML S011-500ML	100ml 500ml
Haematoxylin (Delafield's)	S014-125ML S014-500ML	125ml 500ml
Leishman's Stain (Twin Pack)	S018-250ML S018-500ML	250ml 500ml
Leishman's Stain Solution	S018S-250ML	250ml
 Leishman's Stains (S018S) Neutrophilic Granules - Lilac Eosinophilic Granules - Orange Nucleoli - Blue - Violet Red Cells - Pink Lymphocytes - Blue with purple nucleus		
May-Grunwald's Stain	S039-125ML S039-500ML	125ml 500ml

Product	Code	Packing
Wright's Stain	S030-250ML S030-500ML	250ml 500ml
 Wright's Stain (S030) 1. Erythrocytes - Yellowish red 2. Polymorphonuclears - Dark purple nucleus, red-dish lilac granules, pale pink cytoplasm 3. Eosinophils - Blue nuclei, red to orange red granules, blue cytoplasm 4. Basophils - Purple to dark blue nucleus, dark purple granules 5. Lymphocytes - Dark purple nuclei, sky blue cytoplasm 6. Platelets - Violet to purple granules		
Malarial Parasite - Kit (contains S008 and S009)	K011-1KT	1kt
 Malarial Parasite Kit (K011) 1. Nuclei - Blue 2. Neutrophilic granules - lilac 3. Eosinophilic granules - Orange 4. Red cells - pink		
Field's Stain A	S008-125ML	125ml
Field's Stain B	S009-125ML	125ml
Malarial Parasite - Kit (contains S008 and S009)	K011L-1KT	1kt
Field's Stain A	S008-500ML	500ml
Field's Stain B	S009-500ML	500ml
Malarial Parasite - Kit (contains S008 and S009)	K049-1KT	1kt
Field's Stain A	S008-250ML	250ml
Field's Stain B	S009-250ML	250ml
Stains for Mycobacteria Staining ▲		
Fluorescent Stains - Kit for Mycobacteria (contains S042, S043 and S044)	K021-1KT	1kt
Phenolic auramine	S042-125ML	125ml
Mycobacteria decolourizer	S043-125ML	125ml
Potassium permanganate	S044-125ML	125ml
Fluorescent Stains - Kit for Mycobacteria (contains S042, S043 and S044)	K021L-1KT	1kt
Phenolic auramine	S042-500ML	500ml
Mycobacteria decolourizer	S043-500ML	500ml
Potassium permanganate	S044-500ML	500ml

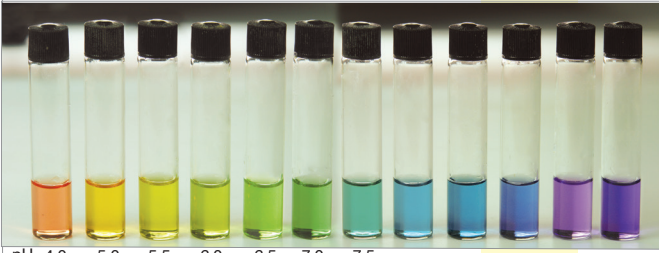
Product	Code	Packing
HiCold Stain TB - Kit for Mycobacteria [Kit contains 100ml each of Carbol Fuchsin Solution-S080, Decolourizer-S099, Counter Stain (Loeffler's Methylene Blue) S081]	K062S-1KT	1kt
HiCold Stain TB - Kit for Mycobacteria [Kit contains 500ml each of Carbol Fuchsin Solution-S080, Decolourizer-S099, Counter Stain (Loeffler's Methylene Blue)-S081]	K062-1KT	1kt
HiFluo-Phenol Free Stain - kit for Mycobacteria [Kit contains 200ml each of Auramine – Rhodamine solution (Phenol free)-S082, Decolourizer-S099 (2 x200), Potassium Permanganate Solution-S083]	K061-1KT	1kt
Stains for Acid Fast Staining ▲		
ZN Acid Fast Stains - Kit (contains S033,S005 and S022)	K005-1KT	1kt
	ZN Acid Fast Stains Kit (K005) Acid fast organisms - Bright red Other organisms & cellular material Blue	
Acid Fast Decolourizer	S033-125ML	125ml
Carbol Fuchsin (ZN,Strong)	S005-125ML	125ml
Methylene Blue (Loeffler's)	S022-125ML	125ml
ZN Acid Fast Stains - Kit (contains S033, S005 & S022)	K005L-1KT	1kt
Acid Fast Decolourizer	S033-500ML	500ml
Carbol Fuchsin (ZN,Strong)	S005-500ML	500ml
Methylene Blue (Loeffler's)	S022-500ML	500ml
Simple Stains for Bacteria ▲		
Carbol Fuchsin (ZN, Dilute)	S006-125ML S006-500ML	125ml 500ml
Eosin, 2% w/v	S007-125ML S007-500ML	125ml 500ml
Gentian Violet	S010-125ML S010-500ML	125ml 500ml

Product	Code	Packing
Malachite Green, 1% w/v	S020-100ML S020-500ML	100ml 500ml
Methylene Blue (Aqueous)	S021-125ML S021-500ML	125ml 500ml
Stains for Bacteria and Bovine Cells in Milk ▲		
Newman's Stain, Modified	S024-100ML S024-500ML	100ml 500ml
Stains for Fungi ▲		
Lactophenol	S015-100ML S015-500ML	100ml 500ml
Lactophenol Cotton Blue	S016-100ML S016-500ML	100ml 500ml
	Lactophenol Cotton Blue (S016) Fungal spores & hyphae - Pale to dark blue	
Lactophenol Picric Acid	S017-100ML S017-500ML	100ml 500ml
Mayer's Mucicarmine Stain	S031-100ML S031-500ML	100ml 500ml
Picric Acid (Saturated, Aqueous)	S026-100ML S026-500ML	100ml 500ml
Stains for Intestinal Protozoa ▲		
Lugol's Iodine	S019-125ML S019-500ML	125ml 500ml
Stains for Negative Staining ▲		
Congo red (1% aqueous) Solution	S067-125ML S067-500ML	125ml 500ml
Nigrosin Stain,10% w/v	S025-100ML S025-500ML	100ml 500ml
	Nigrosin Stain,10% w/v (S025) Capsules - Clear halos Surrounding the bacterial cells.	
Staining Kits for Haematology		
C.S.F. Diluting Fluid	R004-125ML	125ml
E.D.T.A. (di-sodium) 5%	R019-125ML	125ml

Product	Code	Packing
R.B.C. Diluting Fluid (Grower's)	R023-500ML	500ml
R.B.C. Diluting Fluid (Hayemis)	R013-500ML	500ml
Thrombocount reagent	R083-500ML	500ml
W.B.C. Diluting Fluid	R016-500ML	500ml
Stains and Kits for Cytology		
Papanicolaou-OG-6	S035-125ML S035-500ML	125ml 500ml
Papanicolaou-EA-36	S036-125ML S036-500ML S036-1L	125ml 500ml 1lt
Papanicolaou-EA-50	S068-125ML S068-500ML	125ml 500ml
Staining Kit for Histology		
HiDecal (mild decalcifying solution)	R084-500ML	500ml
HiDecal (strong decalcifying solution)	R085-500ML	500ml
Other Stains		
Borax Carmine (Grenacher's), Alcoholic Stain	S003-125ML S003-500ML	125ml 500ml
Borax Carmine (Grenacher's), Aqueous Stain	S004-125ML S004-500ML	125ml 500ml
FA Rhodamine Counterstain	S041-100ML S041-500ML	100ml 500ml
Fixative (BFA), for Rapid fixing of haematological samples	S119-500ML	500ml
Fixative (Buffered Formalin fixative) for fixing cytological or histological samples	S109-500ML	500ml
Fixative, for fixing cytological or histological samples	S102-500ML	500ml
Fixative, for rapid fixing of haematological samples	S118-500ML	500ml
Fixing solution, for fixing Haematological samples	S062-500ML	500ml
Grams Iodine, Stabilized	S057-125ML S057-500ML	125ml 500ml
Haematoxylin (Ehrlich)	S059-125ML S059-500ML	125ml 500ml
Haematoxylin (Gill No.3)	S076-500ML	500ml
Haematoxylin (Harris)	S034-125ML S034-500ML	125ml 500ml
Haematoxylin (Mayer)	S058-125ML S058-500ML	125ml 500ml

Product	Code	Packing
M'Fadyean Stain (Polychrome Methylene Blue)	S047-125ML S047-500ML	125ml 500ml
* Periodic Acid Solution (PAS)	S073-500ML	500ml
Romanowsky-Giemsa (RG) stain	S125-500ML	500ml
* Schiff's fuchsin-sulphite reagent	S070-500ML	500ml
* Schiff's Reagent	S074-500ML	500ml
Shorr's Stain solution for hormonal cytodiagnosis	S126-500ML	500ml

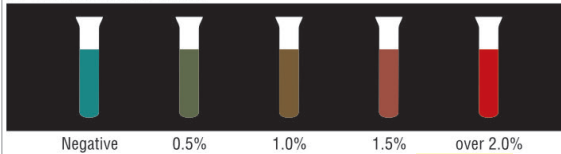
Readymade Indicator		
Andrade's Indicator	I001-125ML	125ml
Bromocresol Green Indicator	I002-125ML	125ml
Bromocresol Purple Indicator	I003-125ML	125ml
Bromophenol Blue Indicator	I004-125ML	125ml
Bromothymol Blue Indicator	I005-125ML	125ml
Methyl Orange Indicator	I006-125ML	125ml
Methyl Red Indicator	I007-125ML	125ml
Mixed Indicator Solution (25X) (Dimidium Bromide-Disulphine Blue indicator)	I014-100ML	100ml
Neutral Red Indicator	I008-125ML	125ml
Phenolphthalein, 0.1% w/v	I009-125ML	125ml
Phenol Red Indicator	I010-125ML	125ml
Thymol Blue Indicator	I011-125ML	125ml
Thymolphthalein Indicator	I012-125ML	125ml
Universal Indicator	I013-100ML I013-500ML	100ml 500ml

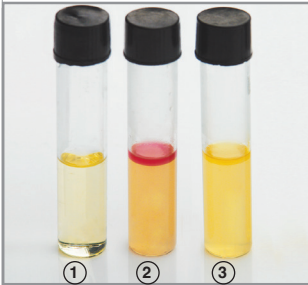
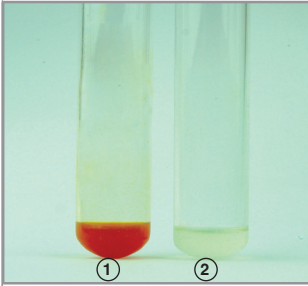
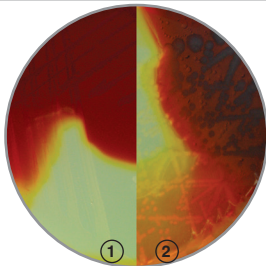


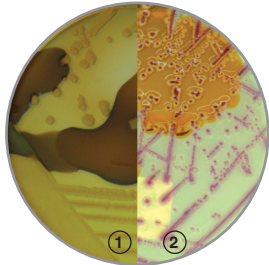
pH 4.0 5.0 5.5 6.0 6.5 7.0 7.5 8.5 9.0 9.5 10.0 11.0

Universal Indicator (I013)

Readymade Analytical Reagents		
Acetate Buffer, pH 5.6	R040-5x100ML	5x100ml
Barium Chloride Solution, 10% w/v	R001-500ML	500ml

Product	Code	Packing
Barritt Reagent A (for VP test)	R029-100ML	100ml
Barritt Reagent B (for VP test)	R030-100ML	100ml
Benedict's Qualitative Reagent	R002-500ML R002-5L	500ml 5lt
For detection of Sugar in Urine  Negative 0.5% 1.0% 1.5% over 2.0% Benedict's Qualitative Reagent (R002)		
Benedict's Quantitative Reagent	R003-500ML	500ml
Butterfield's Phosphate Buffered Dilution Water	R094-500ML	500ml
C.S.F. Diluting Fluid	R004-125ML	125ml
DMACA Reagent	R035-10ML	10ml
E.D.T.A. (di-sodium) 5%	R019-125ML	125ml
EDTA 0.02N solution	R093-500ML	500ml
Ehrlich's Aldehyde Reagent	R005-125ML	125ml
Fehling Solution No. 1	R037-500ML	500ml
Fehling Solution No. 2	R038-500ML	500ml
Folin & Wu's Alkaline Copper Solution	R006-500ML	500ml
Folin & Wu's Phosphate, Molybdate Solution	R007-500ML	500ml
Fouchet's Reagent	R018-125ML	125ml
Gaby-Hadley Reagent A	R027-100ML	100ml
Gaby-Hadley Reagent B	R028-100ML	100ml
Gordon-McLeod Reagent (Oxidase reagent)	R026-100ML	100ml
HiDecal (Mild Decalcifying Solution)	R084-500ML	500ml
HiDecal (Strong Decalcifying Solution)	R085-500ML	500ml
Iodine Solution	R044-125ML	125ml

Product	Code	Packing
Kovacs' Indole Reagent	R008-100ML	100ml
 Kovac's Indole Reagent (R008) 1) Control 2) <i>Escherichia coli</i> (ATCC 25922) + 3) <i>Enterobacter aerogenes</i> (ATCC 13048) - *Key :- + Red ring at interface of the medium - No red ring		
α -Naphthylamine Solution	R009-100ML	100ml
Nessler's Reagent For Ammonia & Ammonia Salt	R010-125ML	125ml
Nessler's Reagent For serum urea nitrogen	R017-100ML	100ml
 Nessler's Reagent (R017) 1) <i>Proteus mirabilis</i> (ATCC 25933) + 2) <i>Escherichia coli</i> (ATCC 25922) - *Key :- + Brownish yellow ppt - No colour change		
O'Meara Reagent	R031-100ML	100ml
Potassium Chromate, 5% w/v	R011-125ML	125ml
Potassium Oxalate, 5% w/v	R012-125ML	125ml
PYR Reagent	R043-10ML	10ml
 PYR Reagent (R043) 1) <i>Enterococcus faecalis</i> (ATCC 29212) Positive reaction red colouration around the colony 2) <i>Escherichia coli</i> (ATCC 25922) Negative reaction no change in colour		
R.B.C. Diluting Fluid (Grower's)	R023-500ML	500ml
R.B.C. Diluting Fluid (Hayemis)	R013-500ML	500ml
Sodium Citrate, 3.8% w/v	R014-125ML	125ml
Sterile Distilled Water	R041-5x100ML	5x100ml
Sterile Mineral Oil	R045-100ML	100ml

Product	Code	Packing
Sterile Phosphate Buffered Saline Solution, pH 7.0	R039-5x100ML	5x100ml
Sulphanilic Acid, 0.8%	R015-100ML	100ml
Sulphosalicylic Acid 3%	R020-125ML	125ml
TDA Reagent	R036-10ML	10ml
 TDA Reagent (R036) 1) <i>Proteus mirabilis</i> (ATCC 25933) Positive reaction dark brown colouration around the colony 2) <i>Escherichia coli</i> (ATCC 25922) Negative reaction		
o-Toluidine reagent For chlorine estimation	R022-500ML	500ml
o-Toluidine Reagent For blood glucose estimation	R024-500ML	500ml
Topfer Reagent	R021-100ML	100ml
W.B.C. Diluting Fluid	R016-500ML	500ml
Standard Solutions		
Ammonium Buffer Solution	R061-1L	1lt
Boric Acid Solution	R062-500ML	500ml
* Buffer Solution, pH 4.0 ± 0.02	R064-500ML	500ml
* Buffer Solution, pH 7.0 ± 0.02	R063-500ML	500ml
* Buffer Solution, pH 9.2 ± 0.02	R065-500ML	500ml
EDTA, 1M Solution	R066-500ML	500ml
EDTA Titran, 0.035N	R067-500ML	500ml

Product	Code	Packing
* McFarland standard set (Each set contains 1 tube of 0.5, 1, 2, 3, 4 McFarland standard)	R092-1No	1 No
 McFarland standard set Increasing opacity from McFarland standard 0.5 to McFarland standard 4 1. McFarland Standard 0.5 2. McFarland Standard 1.0 3. McFarland Standard 2.0 4. McFarland Standard 3.0 5. McFarland Standard 4.0		
Silver Nitrate Solution, 0.1N	R068-500ML	500ml
Sodium thiosulphate, 0.1N	R069-1L	1 lt
Sodium Hydroxide Standard Solution, 0.035N	R070-500ML	500ml
* Standard Solution for conductivity 1413 µS/cm	R071-500ML	500ml
* Standard Solution for conductivity 12880 µS/cm	R072-500ML	500ml
*Wij's Solution	R074-1L R074-2.5L	1 lt 2.5 lt