



MICROSERV

A Division of Microbiological Laboratory
Research and Services India Pvt Ltd.,
Coimbatore-India

12-A, Cowley Brown Road
R.S Puram, Coimbatore-641 002
Telephone: 0422-2540525, 2550673, 2556628
Fax: 0422-2541316



Microserv GNB9 is a quick way to identify oxidase negative Gram negative bacilli. Benefits are less labor intensive, less storage space, easy to use format and simplifies the identification by a unique code.



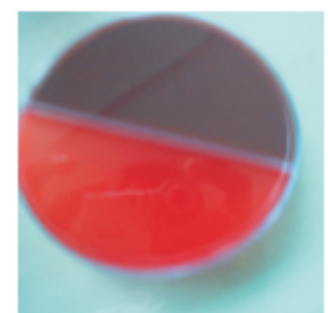
Microserv Sheep Blood Agar is recommended for use as a general growth medium for the cultivation and hemolytic determination of fastidious and non-fastidious microorganisms from clinical specimens. It was found to be an improved blood agar, promoting both luxuriant and rapid growth, improved pigment production, typical colony morphology, and sharply defined hemolytic reactions. Microserv sheep blood agar is manufactured using imported defibrinated sheep blood from USA.



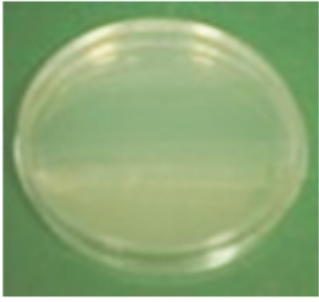
Microserv Chocolate Agar is recommended for use in the isolation and cultivation of fastidious organisms, particularly Haemophilus and Neisseria species. Chocolate agar plate is enriched with vitamin and heated sheep blood to recover nutritionally deficient Streptococcus species.



Microserv Sheep Blood Agar/ MacConkey agar is recommended for use as a general growth medium for the cultivation, hemolytic determination on Sheep blood agar and for the cultivation and differentiation of lactose fermenting and non lactose fermenting microorganisms on MacConkey agar .



Microserv Sheep Blood Agar/ Chocolate agar is recommended for use as a general growth medium for the cultivation, hemolytic determination on Sheep blood agar and for the recovery of fastidious organisms like a Haemophilus and Neisseria on Chocolate agar



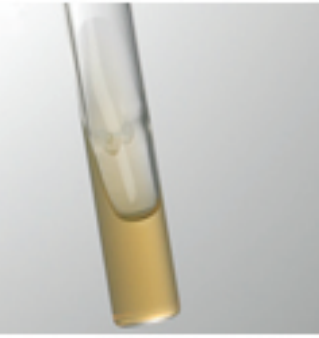
Microserv Mueller Hinton Agar is used in standardized antimicrobial disk susceptibility testing, as described by Bauer, Kirby, et al. Standardized depth of approximately four millimeters is maintained.



Microserv Triple Sugar Iron (TSI) Agar is recommended for use in the differentiation of Enterobacteriaceae by their ability to ferment glucose, lactose, and sucrose, and produce hydrogen sulfide.



Microserv Lysine Iron Agar (LIA) is recommended for use in differentiating certain members of the Enterobacteriaceae, especially Salmonella species, by demonstrating hydrogen sulfide production and the decarboxylation or deamination of lysine.



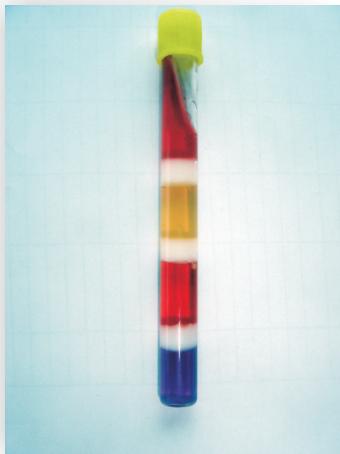
Microserv Urea Agar is recommended for use in the detection of urea hydrolysis in gram-negative organisms.



Microserv Simmons Citrate Agar is recommended for the use in the differentiation of gram-negative enteric bacilli based on citrate utilization.

GNB⁹

The quick way to differentiate
Oxidase Negative,
Gram Negative Bacilli



MICROSERV's new **GNB⁹** aids in the identification of

- Escherichia coli*
- Salmonella*
- Shigella*
- Citrobacter*
- Klebsiella*
- Enterobacter*
- Proteus*
- Morganella*
- Providencia*

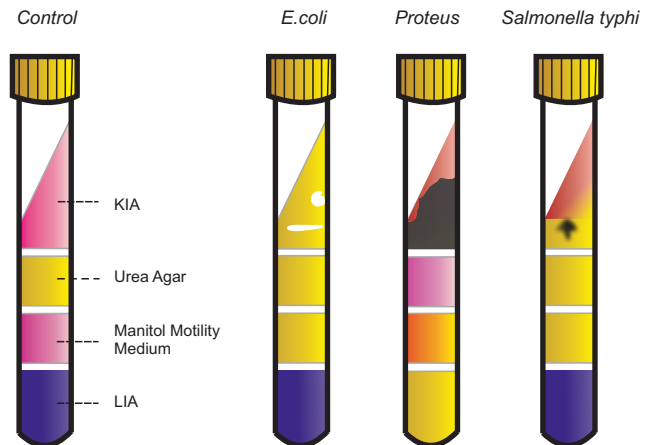
Single Tube Multi-test System

Contains unique media composition

- Kligler Iron agar (KIA)
- Urea Agar
- Mannitol Motility Medium
- Lysine Decarboxylase

Benefits

- Less Labor Intensive
- Less Storage Space
- Long Shelf Life
- Easy to use format
- Simplifies the identification by a unique code.



GNB⁹ 30test/Pack



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TUBE MEDIUM

MTT	GNB 9
KIA	Kligler Iron Agar
UA	Urea Agar
TSI	Triple Sugar Iron Agar
SCA	Simmon's Citrate Agar
LIA	Lysine Iron Agar
MMM	Mannitol Motility Medium
HP	Rapid Urea Medium for H.pylori
CMM	Cooked Meat Medium
FTB	Fluid Thioglycolate Medium

REAGENTS

IR	Spot Indole Reagent
OR	Ready use Oxidase Reagent
EC	EC id2

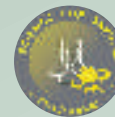
for more information, please contact



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MLRS

**Microbiological Laboratory Research &
Services India Pvt. Ltd.**



MICROSERV PRODUCTS FOR MICROBIOLOGISTS

MLRS –Microbiological Laboratory Research & Services India pvt Ltd was started in the year 2008 with the objective of providing training in research, diagnostic microbiology and commercial production of high quality ready to use microbiological culture media for use in clinical and industrial microbiology.

Research programme is oriented toward providing a dynamic training environment with the ultimate goal of a Ph.D degree. MLRS is affiliated to Karunya University, Coimbatore.

MLRS also conducts advanced Diploma course in Clinical Laboratory Science affiliated to Bharathiyar University, Coimbatore. The programme combines the use of laboratory analytical instruments and techniques with the application of theoretical knowledge to perform a wide spectrum of diagnostic procedures.

MLRS is fully committed to provide first class ready to use culture media and products for the Microbiology Laboratory. All products are prepared from high quality raw materials. All

plated and tubed media are filled with formulations that have been established and recognized by microbiologists for over a century.

Salient feature includes

- ▶ Use of imported USFDA approved sheep blood from USA
- ▶ Provide traceability certificate for the sheep blood which is an important document required for NABL assessment
- ▶ Provide QC certificate

MLRS undertakes preparation of any media of your choice.

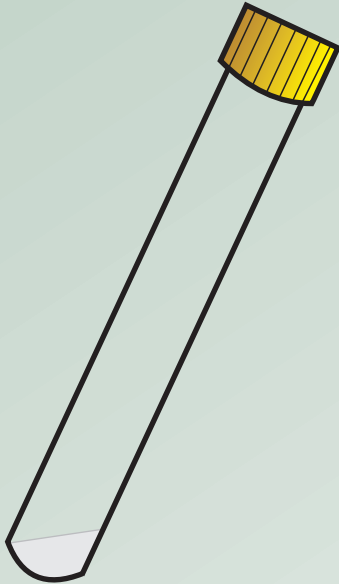
CODE	PRODUCT DESCRIPTION PLATES
BA	Blood Agar (5% Sheep Blood)
CA	Chocolate Agar
MHA	Mueller Hinton Agar
SDA	Sabouraud Dextrose Agar
BA/MA	Blood Agar / MacConkey Agar
BA/CA	Blood Agar / Chocolate agar
SDAC	Sabouraud Dextrose Agar with Chloramphenicol
SSA	Salmonella Shigella Agar
CLED	C.L.E.D Agar

URO Tube

Transport of Urine for Culture

URO Tube
Patent Applied

*The Smart way to
transport Urine..,*



Urotube is recommended for the transport of urine specimens for culture. Urotube contain 0.5ml of maintenance formula. Maintenance formula holds bacterial population in urine specimen for 24 hrs at room temperature at levels comparable to those in urine specimens without additive but held under refrigeration for same period. The tube is convenient for transport of urine specimens from remote areas in which refrigeration is not practical

Collection Procedure

- ▶ Collect clean catch mid stream urine in a sterile container
- ▶ Transfer approximately 4.5 ml of urine to the Uro Tube immediately
- ▶ Close the cap tight and mix well by inverting up and down 20 times
- ▶ Store at room temperature and / or transport at room temperature
- ▶ Do not store the tube in the refrigerator

Uro Tube 30test/Pack



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*Rapid Ideas for the Laboratory
From Microserv*

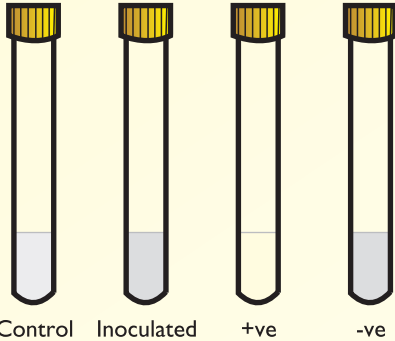
EC id₂

T008-EC id

Rapid Identification of *E.coli* made Simple

EC id₂
Patent Applied

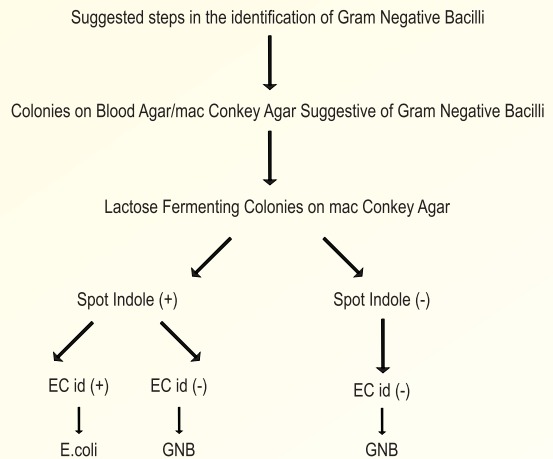
The Smart way to
identify *E.coli*



Escherichia coli is the most common pathogen recovered from urinary tract infections. The enzyme glucuronidase is found in more than 90-95% of *E.coli*. EC id₂ detects the presence of this enzyme and can rapidly identify *E.coli*.

Benefits

- ▶ Less Labor Intensive
- ▶ Single Step Method
- ▶ Identifies *E.coli* in 1-4 hrs
- ▶ Less Storage Space



EC id₂ 50test/Pack



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