Product Name : Herellea Agar

Selective medium for Gram-negative bacteria isolation from urethral and vaginal specimens.

TYPICAL FORMULA (G/L)

Tryptone ……………………….. 15.0
Lactose …………………………10.0
Soy Peptone ……………………. 5.0
Bile Salts n°3 …………………..1.25
Maltose …………………………10.0
Sodium Chloride ……………….. 5.0
Bromcresol Purple …………..0.02
Agar ……………………………..15.0
Final pH = 6.8 $\pm$ 0.2 at 25°C.

DIRECTIONS

Suspend 61.28 G of powder in 1 L of distilled or deionized water. Heat to boiling and shake until completely dissolved. Autoclave at 121°C for 15 minutes. Dispense into petri dishes.

DESCRIPTION

Herellea Agar is a selective medium for the isolation, cultivation and differentiation of Gram-negative nonfermentative and fermentative bacteria. It is especially recommended for the differentiation of *Acinetobacter* (Herellea) species from *Neisseria gonorrhoeae* in urethral or vaginal specimens.

TECHNIQUE

Streak the specimen onto the plate to isolate pure cultures from specimens containing a mixed flora. Incubate plates at 36 $\pm$ 1°C for 24 hours. Fermentative bacteria appear as yellow colonies surrounded by a yellow zone. Nonfermentative bacteria, such as *Acinetobacter* species, appear as pale lavender colonies.

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: light beige.
Prepared medium
Appearance: slightly opalescent.
Color: purple.
Incubation conditions: 36 $\pm$ 1°C / 24 hours.

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Microorganism	ATCC	Growth	Characteristics
Enterococcus faecalis	29212	inhibited	
Escherichia coli	25922	good	yellow colonies
Salmonella typhimurium	14028	good	colorless colonies
Proteus mirabilis	12453	good	colorless colonies

STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared plates at 2-6°C.

REFERENCES

1. Mandel, Wright, and McKinnon (1964). J. Bact. 68: 1524.

PACKAGING

Cat. No : MB-H1164 Herellea Agar	500 G

MBcell