

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 no. 3	1.25
Maltose	10.0
Sodium Chloride	5.0
Bromcresol Purple	0.02
Agar	15.0

Final pH = 6.8 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 61.3 g of powder in 1 liter of distilled or deionized water. Heat to boiling and shake until completely dissolved. Autoclave at 121 °C for 15 minutes. Distribute 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 ± 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 ± 1 °C for 24 hours.

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

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, 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 2-8 °C.

REFERENCES

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



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PRESENTATION

Product	REF	Σ
HERELLEA AGAR (8.1 l)	610164	500 g
HERELLEA AGAR (1.6 l)	620164	100 g
HERELLEA AGAR (81.5 l)	6101645	5 Kg

TABLE OF SYMBOLS

LOT Batch code	 Caution, consult accompanying documents	 Manufacturer	Σ Contains sufficient for <n> tests	IVD <i>In Vitro</i> Diagnostic Medical Device
REF Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source



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