

Product Name : Diagnostic Sensitivity Test Agar

A dual purpose medium for the isolation and antimicrobial susceptibility testing of microorganisms.

FORMULA (G/L)

Peptones 10.0
Veal Heart Extract 10.0
Glucose 2.0
Sodium Chloride 3.0
Adenine Sulphate 0.01
Guanine Hydrochloride 0.01
Uracil 0.01
Xanthine 0.01
Thiamine HCl 0.00003
Buffers 3.0
Agar 13.0
Final pH = 7.4 ± 0.2 at 25°C.

DIRECTIONS

Suspend 41.04 G in 1 L of distilled water and boil to dissolve the medium completely. Sterilize by autoclaving at 121 °C for 15 minutes. Cool to 45~50 °C. Dispense into petri dishes.

EXPLANATION

Diagnostic Sensitivity Test Agar is a dual purpose medium for the isolation and antimicrobial susceptibility testing of microorganisms.

USER QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: slightly opalescent.

Color: amber.

Incubation conditions: 36 ± 1°C / 18-24 hours.

Microorganism	ATCC	Growth
<i>Pseudomonas aeruginosa</i>	27853	good
<i>Streptococcus pneumoniae</i>	6305	good
<i>Enterococcus faecalis</i>	19433	good

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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

Ericsson et al (1971) Acta Path. Microbiol. Scan. B. Suppl. 217

PACKAGING

Cat. No : MB-D2153 Diagnostic Sensitivity Test Agar	500 G
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