

Product Name : Tryptose Agar

Medium for fastidious microorganisms cultivation and maintenance, including *Brucella spp.*

TYPICAL FORMULA (G/L)

Tryptose 20.0
Glucose 1.0
Sodium Chloride5.0
Agar15.0
Final pH = 7.2 ± 0.2 at 25°C.

DIRECTIONS

Suspend 41.0 G of powder in 1 L of distilled or deionized water. Heat to boiling with frequent agitation until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes. Cool to 45-50°C. Dispense in petri dishes.

DESCRIPTION

Tryptose Agar is a medium for isolation of a large variety of pathogenic bacteria, including *streptococci*, *pneumococci*, *meningococci*; furthermore it allows *Brucella spp.* cultivation and isolation.

TECHNIQUE

Inoculate the sample onto the medium using a sterile spatulum and incubate at 36 ± 1°C for 18-24 hours.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

Prepared medium

Appearance: slightly opalescent with no significant precipitate.

Color: light amber.

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

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	good
<i>Staphylococcus aureus</i>	25923	good

PERFORMANCE AND LIMITATIONS

Tryptose media are general purpose, non-selective media. Although certain diagnostic tests may be performed directly on the medium, biochemical and, if indicated, immunological testing using pure cultures are recommended for complete identification.

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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 medium at 2-6°C.

REFERENCES

1. APHA (1963), Diagnostic Procedures and Reagents, 4th ed.
2. OMS (1968). La brucellose: Techniques de laboratoires. Serie de monographies, N. 55.

PACKAGING

Cat. No : MB-T1193 Tryptose Agar	500 G
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