

## HEART INFUSION BROTH

Medium for fastidious and non bacteria cultivation.

TYPICAL FORMULA	(g/l)
Heart, Infusion from	500.0
Tryptose	10.0
Sodium Chloride	5.0
Final pH = 7.4 ± 0.2 at 25 °C.	

### DIRECTIONS

Suspend 25.0 g of powder in 1 liter of distilled or deionized water. Heat until completely dissolved. Distribute into final tubes. Sterilize in autoclave at 121 °C for 15 minutes.

### DESCRIPTION

HEART INFUSION BROTH is a medium for isolating and cultivating a wide variety of microorganisms.

### TECHNIQUE

Inoculate the medium with a sterile loop and incubate at 36 ± 1 °C for 18-48 hours.

### QUALITY CONTROL

#### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

#### Prepared medium

Appearance: clear.

Color: light to medium amber.

Incubation conditions: 36 ± 1 °C for 18-48 hours.

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	good
<i>Staphylococcus aureus</i>	25923	good
<i>Streptococcus pneumoniae</i>	6303	good
<i>Streptococcus pyogenes</i>	19615	good

### 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 tubes at 2-8 °C.








### REFERENCES

- Harmon, S.M., D.A. Kautter, D.A. Golden, and E.J. Rhodehamel (1995). P. 9.01-9.24. App. 3.24-3.25. FDA Bacteriological Analytical Manual, 8th ed. AOAC International, Arlington, VA.

### PRESENTATION

Product	REF	Σ
HEART INFUSION BROTH (20.0 l)	611021	500 g
HEART INFUSION BROTH (4.0 l)	621021	100 g
HEART INFUSION BROTH (200.0 l)	6110215	5 Kg

### TABLE OF SYMBOLS

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



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