

HEART INFUSION AGAR

General purpose nutrient medium

Typical formula (g/l)

Beef Heart, Infusion from	500
Tryptose	10
Sodium Chloride	5
Agar	15

HEART INFUSION BROTH

General purpose nutrient liquid medium

Typical formula (g/l)

Beef Heart, Infusion from	500
Tryptose	10
Sodium Chloride	5

Directions

Suspend 40g of Heart Infusion Agar or 25 g of Heart Infusion Broth in 1000 ml of cold distilled water, heat to boiling, distribute and autoclave at 121°C for 15 minutes.

Final pH 7.4 ± 0.2

Description

Heart Infusion Agar and Heart Infusion Broth are general purpose nutrient media for the cultivation of a large variety of microorganisms, including those difficult to cultivate on other media, such as streptococci, meningococci and pneumococci. With the addition of 6 % (v/v) of horse blood and chocolatised at 80°C, Heart infusion Agar is suitable for the culture of *Haemophilus* spp.

By adding 0.1-0.2% of agar to the Heart Infusion Broth, its viscosity is increased, thus fostering the growth of anaerobes in the lower layers of the medium.

Heart Infusion Agar can be used for the extensive cultivation of microorganisms, and is thus suitable for the preparation of vaccines.

User quality assurance (24-48 h /30°C)

Productivity control

S.aureus ATCC 25923: growth

E.coli ATCC 25922: growth

Storage

Dehydrated media: 10-30°C

User prepared plates and tubes: 1 month at 2-8°C

Packaging

4015352	Heart Infusion Agar,	500 g (12.51)
4015402	Heart Infusion Broth,	500 g (20 l)