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BRAIN HEART UNFUSION (BHI) BROTH

TT244-Brain heart infusion broth

Pkg: Tubes containing 2-30 ml or
Buttles (plastic/septum cap) containinig 80-400ml

Exp.Date: Printed on lable' and on the item

Required materials not supplied: Laboratory equipment as required

Purpose

Brain Heat Infusion Broth is highly nutritious and is recommended for the propagation of a variety of fastidious and nonfastidious microorganisms.

BHI broth is recommended as a pre- enrichment step for increasing the identification sensitivity.

BHI broth contains beef heart and calf brain infutions and peptone to supply amono acide, mineral, vitamins and other nutrients. Sodium chloride maitans the osmotic balance and glucose serves as carbon source

Composition

Ingredients Gms / Litre*:

Glucose 2, Sodium chloride 5, Sodium hydrogen phosphate 2,5 ,Gelatin peptone 10, Calf brain infusion 7.5, Beef heart infusion 10

*Formula adjusted, standardized to suit performance parameters

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Appearance

Light amber coloured, clear to opalescent solution

Final pH (at 23-25°C) 7.4 ±0.2

Procedure

1. Surpace sampling
 - 1.1. Wipe the target surface (work surface, skin, coat) with a swab/sponge.
 - 1.2. Transfer the swab/sponge to BHI Broth.
2. Liquid specimens
 - 2.1. Inoculate the BHI broth with 1-2 drops



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Cultural Response

Cultural characteristics observed after an incubation at 33-37°C for 18-24 hours according to product's SOP

Growth (Turbidity)

Storage

2-8⁰ C

Waste Disposal

After interpretation all tubes should be destroyed by standard incineration methods.