



# TODD HEWITT BROTH

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## TODD HEWITT BROTH

Model Number IB49131

**\$108.61**

Weight

500 g

- 1 +

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## Item Description

## Physical Specifications

## Certificate of Analysis

## SDS

## Technical Information

## Formula per Liter

- Beef Heart Infusion 3.1 gm
- Yeast Enriched Peptone 20.0 gm
- Dextrose 2.0 gm
- Sodium Chloride 2.0 gm
- Disodium Phosphate 0.4 gm
- Sodium Carbonate 2.5 gm

## Preparation

- Mix 30 gm of the medium in 1 L of purified water until evenly dispersed.
- Heat with repeated stirring to dissolve completely.
- Distribute and autoclave at 121.0°C for 15 minutes.

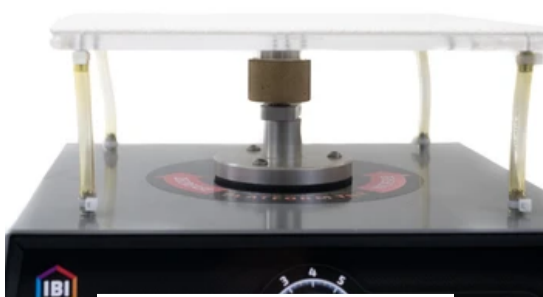
## Recommended Use

IBI's Todd- Hewitt Broth is medium intended for the cultivation and serological typing of Group A hemolytic streptococci. Todd-Hewitt broth is formulated according to Updyke and Nickels modification of the medium originally described by Todd-Hewitt. Studies comparing various commercial broth formulas, dehydrated Todd-Hewitt broth and broth prepared from fresh infusion of beef heart, showed that the dehydrated Todd-Hewitt broth performed equally well to the fresh infusion and superior to the other commercially prepared products. Todd-Hewitt was utilized in et al in fluorescent procedures for identifying Group A streptococci in throat cultures. Todd-Hewitt broth is composed of beef heart infusion, yeast extract, and casein, which are excellent nutritional components. The formation of protease is prevented allowing the production of type specific M protein. Dextrose is a source of carbon and energy, and is fermented by the streptococci. The acid by-products of the fermentation are neutralized by the presence of sodium

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