

# PRODUCT INFORMATION



## Todd Hewitt Broth

Cat. No. T20-106

Date of Issue:  
10/01/17

### DESCRIPTION

Todd-Hewitt Broth is used for the cultivation of streptococci, pneumococci and other fastidious organisms. Heart Infusion provides a source of nitrogen. Peptone provides essential vitamins and minerals.

### PREPARATION

Mix 30 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

#### Formula\* per Liter:

Peptone .....	20.0g
Heart Infusion .....	3.1g
Sodium Chloride .....	2.0g
Dextrose .....	2.0g
Disodium Phosphate.....	0.4g
Sodium Carbonate.....	2.5g

**Final pH:** 7.8 ± 0.2 at 25°C

\* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and beige.
2. Visually the prepared medium is gold to amber, and clear to trace hazy, none to light ppt.
3. Expected cultural response after 18-24 hours at 25°C.

#### Organism:

*Enterococcus faecalis* ATCC® 29212  
*Staphylococcus aureus* ATCC® 25923  
*Streptococcus pneumoniae* ATCC® 6305  
*Streptococcus pyogenes* ATCC® 19615

#### Result:

Growth  
Growth  
Growth  
Growth

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.