

## PRODUCT INFORMATION

Todd Hewitt Broth

Cat. No. T20-106

### DESCRIPTION

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

### FORMULA (g/L)

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

Final pH: 7.8 ± 0.2 at 25 °C

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

### PREPARATION

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

### QUALITY CONTROL SPECIFICATIONS

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

ORGANISM	RESULT
<i>Enterococcus faecalis</i> ATCC 29212	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth
<i>Streptococcus pneumoniae</i> ATCC 6305	Good Growth
<i>Streptococcus pyogenes</i> ATCC 19615	Good 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.

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