

Terrific Broth

CATALOG #: M1520-500G 500 g
M1520-2000G 2 kg

FORM: Powder (beige)

pH: 7.02 ± 0.2 (at 25 °C)

FORMULATION: The formula per 50.8 g which is used to prepare 1 L of growth medium contains:

Casein Digest Peptone	12.0 g
Yeast Extract	24.0 g
Potassium Phosphate, Monobasic	2.3 g
Potassium Phosphate, Dibasic	12.5 g

FEATURES:

- High quality
- For molecular genetic studies
- Excellent growth medium for *E. Coli*

DESCRIPTION: **BioVision's Terrific Broth** is used with glycerol in cultivating recombinant strains of *E. coli*. Terrific broth is a highly enriched medium for improving yield in plasmid bearing *E. coli*. Recombinant strains have an extended growth phase in this medium. The addition of tryptone and yeast extract in the medium will allow higher plasmid yield per volume. Glycerol is used as a carbohydrate source in this formulation. Unlike glucose, glycerol is not fermented to acetic acid.

Preparation of broth:

Mix 50.8 g of the medium in 1 L of purified water until evenly dispersed. Add 4 ml of Glycerol to the mixture. Heat with repeated stirring, and boil for one min to dissolve completely. Distribute and autoclave at 121.0 °C for 15 min.

STORAGE: Store at room temperature. Keep tightly sealed. Protect from moisture and light.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

BioVision Product Name	Cat. No.	Size
LB Miller Broth	M1519	500 g, 2 kg
LB Lennox Broth	M1521	500 g, 2 kg
Yeast Extract	M1522	500 g, 1 kg
Tryptone	M1523	500 g, 1 kg
Viral Transport Medium	M1515	50, 100, 2 x 100, 500 ml
Viral Transport, Veal Infusion Medium	M1516	50, 100, 2 x 100, 500 ml

DISCLAIMER: FOR RESEARCH USE ONLY! Not to be used on humans.