

Catalog No.: C131**Product Name:** Terrific Broth**Size:** 500g

Description: Terrific Broth is an enriched medium. It helps the recombinant strains of *E.coli* maintain an extended growth phase. The large amount of tryptone and yeast extract in the medium also allows the bacteria to produce a higher plasmid yield. Glycerol is added as an additional carbohydrate source in this medium. The potassium phosphates are present to maintain a stable pH value of the medium during bacterial growth. It is very easy to use the premixed format of the Terrific Broth powder: weigh it out once, put it in the flask or bottle; add water and autoclave as usual.

Quality Control: Fully tested to meet the specific requirements of media used in molecular biology. Particular attention is paid to plasmid yield and purity, optimization of protein expression, and other specific applications.

Formulation:	<u>Ingredients</u>	<u>per L</u>
	Tryptone	12g
	Yeast extract	24g
	K ₂ HPO ₄	9.4g
	KH ₂ PO ₄	2.2g
	Glycerol*	4ml
	* Added by user	

Instructions for use:

1. Weigh 47.6 grams of the powder into autoclavable bottle or flask.
2. Add 1 liter of distilled water.
3. Add 4ml glycerol.
4. Autoclave for 15 minutes at 121°C.

Note: Fully scalable to any volume desired.

Storage: Store dry, at or below 25°C.

This Product Is For Research Use Only

Related Products	Catalog No.
• LB Broth	C120
• LB Agar	C121
• 2xYT Agar	C110
• Yeast Extract	C133