

## Terrific Broth

<b>Catalog #:</b>	340-071-101	500mL
	340-071-101CS	10 x 500mL
	340-071-131	1000mL
	340-071-131CS	10 x 1000mL

<b>Store at:</b>	15°C to 30°C
<b>Shipped at:</b>	ambient temperature

### Description

Quality Biological's (QBI) Terrific Broth is prepared from reagent grade monobasic potassium phosphate ( $\text{KH}_2\text{PO}_4$ ), dibasic potassium phosphate ( $\text{K}_2\text{HPO}_4$ ), tryptone, glycerol, and yeast extract using QBI's Cell Culture Grade. The final product is filtered through a 0.45µm filter and sterilized by autoclaving.

### Applications

- *Used to increase the yield of plasmid DNA derived from E. coli strains<sup>3</sup>*

### Quality Control

#### General

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup> All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*The test results of individual lots of Terrific Broth are available on the Quality Biological website.*

### References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2<sup>nd</sup> Ed. Cold Spring Harbor Laboratory Press.
2. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Greene Publishing Associates, Inc. in association with John Wiley & Sons, Inc.
3. Tarfok, K. & Hobbs, C. (1987), *Bethesda Research Lab., Focus*, 9, 12.

### Related Products

#### Super Broth

Catalog #	340-018-131	1000mL
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#### Cell Culture Grade Water, Ultra Pure

Catalog #	118-162-101	500mL
	118-162-101CS	10 x 500mL
	118-162-131	1000mL
	118-162-131CS	10 x 1000mL
	118-162-151	10 Liters
	118-162-161	20 Liters

**All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.**