

Tribo™ 2x YT Medium (Catalog# TBS8059)**DESCRIPTION**

Tribo™ 2xYT Medium is a rich growth medium, optimized for growth and maintenance of filamentous phage such as M13. It contains all the nutritional requirements for E.coli. Tryptone and Yeast Extract are the sources for carbon, nitrogen, vitamins, minerals, and amino acids essential for growth, as well as growth factors that allow phages to reproduce without weakening the host cells. Sodium chloride supplies essential electrolytes for transport and osmotic balance.

COMPOSITIONS

1.6% Tryptone.
1.0% Yeast extract.
0.5% Sodium Chloride.
pH: 7.0 ±0.2

APPLICATIONS

Suitable for non-selective cultivation of M13 bacteriophage, and E. coli strains for cloning, DNA plasmid production and production of recombinant proteins. Also suitable for selective cultivation when appropriate antibiotics are added.

KEY FEATURES

- Filter-sterilized.
- Ready-to-use format.
- Convenient package size.
- Standard formulation.

QTY/BOTTLE

1000 ml/bottle

STORAGE CONDITIONS

The product can be stored for 1 year at 4-8°C.

RELATED PRODUCTS

SOB Broth Medium (TBS8057)
SOC Broth Medium (TBS8058)
2xYT Broth Medium (TBS8059)
0.1% Gelatin Solution (TBS8004)
1.25M Calcium Chloride (TBS5071)
2.5M Calcium Chloride (TBS5072)
2x HBS, pH7.05 (TBS5076)

REFERENCE

1. Sambrook J., Fritsch E. E. and Maniatis T., 1989, Molecular Cloning: A Laboratory Manual, 2nd Ed., Cold Spring Harbor Lab. Press; Cold Spring Harbor, N.Y.
2. Ausubel, F. M., R. Brent, R. E. Kingston, D. D. Moore, J. G. Seidman, J. A. Smith, and K. Struhl. 1994. Current protocols in molecular biology, vol. 1. Current Protocols, New York, N.Y.
3. Davis, L. G., M. D. Dibner, and J. F. Battery. 1986. Basic methods in molecular biology. Elsevier, New York, N.Y.

This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.

