

Product Information

2xYT Medium

EZMix™ Powder microbial growth medium

Catalog Number **Y2627**

Store at Room Temperature

Product Description

2xYT Microbial Medium EZMIX™ Powder is an excellent growth medium for culturing *Escherichia coli*, particularly laboratory or recombinant strains. This product may also be used for the culture of other cell lines or microorganisms.^{1,2}

EZMix media preparations have been granulated to make the product essentially dust-free, allowing easier weighing and handling. The EZMix preparation dissolves significantly faster than the powdered formulation. When tested with *E. coli* (ATCC Number 25922), it performed as well as the powdered 2xYT medium (Catalog Number Y2377).

Components

Tryptone:	16.0 g/L
Yeast extract:	10.0 g/L
Sodium chloride:	5.0 g/L
Inert binder:	0.6 g/L
<hr/>	
Total:	31.6 g/L

Precautions and Disclaimer

This product is for Research Use Only. Not for Use in Diagnostic Procedures. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

1. Suspend 31.6 g of 2xYT Microbial Medium EZMIX Powder in 900 mL of water.
2. Add sufficient water to bring the volume to 1 L.
3. Autoclave 15 minutes at 121 °C.

Storage/Stability

Store the product at Room Temperature, below 30 °C. The powder is very hygroscopic. Keep the container tightly closed.

References

1. Dorgham, K. *et al.*, Generating Chemokine Analogs with Enhanced Pharmacological Properties Using Phage Display. *Methods Enzymol.*, **570**, 48-72 (2016).
2. Jovicevic, Dejana, Developing a Synthetic Yeast for the Expression of Heterologous Genes using SCRaMbLE. Imperial College London, Ph.D. dissertation, p. 45 (March 2016).

EZMix is a trademark of Sigma-Aldrich Co. LLC

GCM, MAM 11/18-1