

SOC Medium

Catalog #: 340-031-671 10 x 10mL
340-031-671EA 10mL

Store at: 15°C to 30°C
Shipped at: ambient temperature

Description

Quality Biological's (QBI) SOC Medium is prepared from reagent grade potassium chloride (KCl), sodium chloride (NaCl), D-glucose, tryptone, and yeast extract using QBI's Cell Culture Grade. The final product is filtered through a 0.45µm filter and sterilized by autoclaving.

Applications

- Preparation of DH of *E. coli* strains³

Directions

Immediately prior to use, add 10mL of 2M MgCl₂ per liter of SOC Medium for a final concentration of 20mM of Mg²⁺

Quality Control

General

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.^{1,2} 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 SOC Medium are available on the Quality Biological website.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2nd 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. Hanahan, D. (1983), *J. Molec. Biol.*, **166**, 557-580.

Related Products

Magnesium Chloride, 2M

Catalog # 340-034-721 4 x 100mL
340-034-721EA 100mL

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.