

# SOC Medium 1x

## (Molecular Biology)

### Ordering info

TBB0417, SOC Medium, 1x, 100 mL

### Description

**SOC Medium** is bacterial growth medium mostly used to culture transformed cells of *Escherichia coli*. It is a rich medium that contains a combination of salts, magnesium and glucose that stabilizes competent cells and maximizes transformation efficiency .

### Storage

Stable at -20°C for 2 years.

Shipped at room temperature.

### Features

- Ready to use.
- Sterile.
- Maximizes the transformation efficiency of competent cells.
- Competent cell stabilization.
- More easily contaminated than LB medium.
- Composition (1x): Tryptone 20 g/L, Yeast Extract 5 g/L, Glucose 3.6 g/L, MgSO<sub>4</sub> 1.2 g/L, MgCl<sub>2</sub> 0.97 g/L, NaCl 0.58 g/L, KCl 0.2 g/L, pH=7.0.

### Quality Control

- Sterility.
- pH tested.

### Applications

- Transformation of bacterial competent cells.
- Bacterial culture media.
- Cloning of toxic genes.

Also available:

- ➔ **STOUT™-Red PCR Master Mix (2x) (TBK0026, TBK0027)**
- ➔ **STOUT™ Recombinant Taq DNA polymerase Kit (TBK0023, TBK0024)**
- ➔ **WARM™ HotStart Taq DNA polymerase Kit (TBK0036, TBK0037)**