

SOC Media

Code	Description	Size
N549-6X5ML	SOC Media	30 mL (6 tubes, 5 mL)
N549-100ML	SOC Media	100 mL

General Information

SOC Media is a nutrient-rich medium that increases transformation efficiency in competent *E. coli*. Immediately following transformation, cells are incubated in SOC Media for up to 1 hour prior to plating on selective media.

Formulation	Final Concentration
Tryptone/Casein Peptone	2.0%
Yeast Extract	0.5%
Sodium Chloride	8.5 mM
Potassium Chloride	2.5 mM
D-Glucose	20.0 mM
Magnesium Chloride, Hexahydrate	10.0 mM
Magnesium Sulfate, Heptahydrate	10.0 mM

Storage/Stability

Store SOC Media cold (2 – 8°C). Stable at least 6 months when stored as recommended.

Product Use Limitations

For research use only. Not for therapeutic or diagnostic use.

Protocol/Procedure

SOC Media recovery of transformed *E. coli*

1. Add 1 mL of room temperature SOC Media to competent cells immediately after electroporation or chemical transformation.
2. Incubate the cells with gentle shaking for 60 minutes at 37°C.
3. Plate the cells on media with appropriate selective antibiotic or screening reagents for transformant selection.

For Technical Support

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