

S.O.C. Medium

Catalog No. 15544-034

Information for Use

Shipping/Storage	S.O.C. Medium is shipped at room temperature. Upon receipt, store at room temperature (15°C to 30°C).
Contents and Composition	S.O.C. Medium is supplied as 10 x 10 ml bottles of liquid medium with the following composition: 2% Tryptone 0.5% Yeast Extract 10 mM NaCl 2.5 mM KCl 10 mM MgCl ₂ 10 mM MgSO ₄ 20 mM glucose
Application(s)	S.O.C. Medium is suitable for use in the final step of cell transformation to obtain maximal transformation efficiency of <i>E. coli</i> (Hanahan, 1983).
Product Qualification	Each lot of S.O.C. Medium is tested to ensure conformance with the most current approved product specification. This currently consists of tests for pH, osmolality, sterility, and transformation efficiency using TOP10 <i>E. coli</i> .
Reference	Hanahan, D. (1983). Studies on Transformation of <i>Escherichia coli</i> with Plasmids. <i>J. Mol. Biol.</i> 166, 557-580.
Technical Service	For more information or technical assistance, call, write, fax, or email. Additional international offices are listed on our web page (www.invitrogen.com).

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This product is distributed for laboratory research use only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

For technical questions about this product, call the Invitrogen TECH-LINESM 800 955 6288