



GIBCOBRL



LIFE TECHNOLOGIES™

Second Strand Buffer

Cat. No. 10812-014

Size: 0.5 ml

Lot No.

Store at -20°C.

Description:

Second Strand Buffer is used with the SUPERScript™ cDNA Synthesis Systems (1,2,3) to generate second strand cDNA from mRNA in the first strand reaction. It is supplied as a 5X concentrate and should be diluted, 1:5 (1 part 5X Second Strand Buffer + 4 parts other components).

Component:

Y01129	5X Second Strand Buffer	Lot	No.:
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5X Second Strand Buffer Composition:

100 mM Tris-HCl (pH 6.9)

23 mM MgCl₂

450 mM KCl

0.75 mM β-NAD⁺

50 mM (NH₄)₂SO₄

Quality Control:

This product has passed a quality control assay that verified the absence of detectable levels of ribonuclease activity.

References:

1. Gruber, C. E., Cain, C., D'Alessio, J. M. (1991) *FOCUS*® 13:3, 88.
2. Gruber, C. E., Cain, C., Noon, M. C., D'Alessio, J. M. (1991) *FOCUS* 13:1, 23.
3. D'Alessio, J. M., Gruber, C. E., Cain, C., Noon, M. C. (1990) *FOCUS* 12:2, 47.

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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 Life Technologies TECH-LINE™ (800) 828-6686.