One*Taq*® Standard Reaction Buffer Pack

1-800-632-7799
info@neb.com
www.neb.com

B9022S

8 ml (4 x 2.0 ml) **Lot: 0011212**

Store at –20°C **Exp: 12/15**

Description: 5X One*Taq* Standard Reaction Buffer is optimized for use with One*Taq* and One*Taq* Hot Start DNA Polymerases. This reaction buffer has been formulated for robust yields with minimal optimization. The One*Taq* Standard Reaction Buffer is recommended for most routine and/or AT-rich amplicons (i.e. Lambda, etc.) or complex amplicons with up to ~65% GC content.

Reagents Supplied:
5X One*Taq* Standard Reaction Buffer 4 x 2.0 ml

Reaction Conditions: 1X One*Taq* Standard Reaction Buffer, DNA template, primers, 200 µM dNTPs (not included) and 1.25 units of One*Taq* or One*Taq* Hot Start DNA Polymerase (not included) in a total reaction volume of 50 µl.

1X One*Taq* Standard Reaction Buffer:
20 mM Tris-HCl (pH 8.9 @ 25°C)
1.8 mM $MgCl_2$
22 mM NH_4Cl
22 mM KCl
0.06% IGEPAL® CA-630
0.05% Tween® 20

Quality Assurance
The reaction buffer is free of detectable nucleases.

ONETAQ® is a registered trademark of New England Biolabs, Inc.

IGEPAL® is a registered trademark of Rhodia Operations.
TWEEN® is a registered trademark of Uniqema Americas LLC.

CERTIFICATE OF ANALYSIS

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