

OneTaq[®]
Standard Reaction
Buffer Pack



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



B9022S 001140317031

B9022S

8 ml (4 x 2.0 ml) Lot: 0011403
Store at -20°C Exp: 3/17

Description: 5X OneTaq Standard Reaction Buffer is optimized for use with OneTaq and OneTaq Hot Start DNA Polymerases. This reaction buffer has been formulated for robust yields with minimal optimization. The OneTaq 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 OneTaq Standard Reaction Buffer 4 x 2.0 ml

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

1X OneTaq Standard Reaction Buffer:

20 mM Tris-HCl (pH 8.9 @ 25°C)
1.8 mM MgCl₂
22 mM NH₄Cl
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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