



B0490S 001121215121

# B0490S

**8.0 ml (4 x 2.0 ml)**      **Lot: 0011212**  
**Store at -20°C**              **Exp: 12/15**

**Description:** EpiMark Hot Start *Taq* Reaction Buffer (5X) is optimized for use with EpiMark Hot Start *Taq* DNA Polymerase. This reaction buffer has been formulated to result in robust yields from bisulfite-converted DNA.

**Reagents Supplied:**  
5X EpiMark Hot Start *Taq* Reaction Buffer  
4 x 2.0 ml



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

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

**1X EpiMark Hot Start *Taq* Reaction Buffer:**  
20 mM Tris-HCl  
1.8 mM MgCl<sub>2</sub>  
22 mM NH<sub>4</sub>Cl  
22 mM KCl  
0.06% IGEPAL® CA-630  
0.05% Tween® 20  
pH 8.9 @ 25°C

### Quality Assurance

The reaction buffer is free of detectable nucleases.

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IGEPAL® is a registered trademark of Rhodia Operations.

TWEEN® is a registered trademark of Uniqema Americas LLC.



CERTIFICATE OF ANALYSIS



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