

## Phusion® GC Buffer Pack



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



B0519S 001130614061

# B0519S

**6.0 ml**      **Lot: 0011306**      **Exp: 6/14**  
**5X Concentration**      **Store at -20°C**

**Description:** New England Biolabs supplies a unique 5X reaction buffer and supplemental reagents for use with Thermo Scientific® Phusion High-Fidelity DNA Polymerase and associated products, all of which are manufactured and quality controlled at New England Biolabs.

### Reagents Supplied:

5X Phusion GC Reaction Buffer	4 x 1.5 ml
50 mM MgCl <sub>2</sub>	2 x 1.5 ml
100% DMSO	0.5 ml

**Reaction Conditions:** At a 1X concentration the reaction buffer contains 1.5 mM MgCl<sub>2</sub> and assures optimal activity for Phusion DNA Polymerase. Additional MgCl<sub>2</sub> (50 mM) is provided for those amplicons that require higher Mg<sup>++</sup> concentrations.

### Quality Assurance

The reaction buffer and supplements are free of detectable nucleases.

Phusion® DNA Polymerase was developed by Finnzymes Oy, now a part of Thermo Fisher Scientific. This product is manufactured by New England Biolabs, Inc. under agreement with, and under the performance specifications of Thermo Fisher Scientific.

PHUSION® is a registered trademark and property of Thermo Fisher Scientific.

THERMO SCIENTIFIC® is a registered trademark of Thermo Fisher Scientific.

CERTIFICATE OF ANALYSIS

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