

## Phusion® GC Buffer Pack



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



B0519S 001150818081

# B0519S

**6.0 ml**      **Lot: 0011508**      **Exp: 8/18**  
**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.



NEW ENGLAND BIOLABS® is a registered trademark of New England Biolabs, Inc.

PHUSION® and THERMO SCIENTIFIC® are registered trademarks and property of Thermo Fisher Scientific.

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.

This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

CERTIFICATE OF ANALYSIS

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