

Detergent-free  
Phusion® HF  
Buffer Pack



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



B0520S 001140817081

**B0520S**

**6.0 ml**      **Lot: 0011408**      **Exp: 8/17**  
**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 Detergent-free Phusion HF 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:** Use at a 1X final concentration in the Phusion reaction. The 1X buffer contains 1.5 mM MgCl<sub>2</sub>. 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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