

Detergent-free  
Phusion® HF  
Buffer Pack



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



B0520S 001120913091

**B0520S**

**6.0 ml** Lot: **0011209** Exp: **9/13**  
**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

Detergent-free  
Phusion® HF  
Buffer Pack



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



B0520S 001120913091

**B0520S**

**6.0 ml** Lot: **0011209** Exp: **9/13**  
**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