



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



B9027S 001120715071

B9027S

6.0 ml Lot: **0011207**
Store at -20°C Exp: **7/15**

Description: New England Biolabs supplies a 5X reaction buffer and supplemental reagent for use with Q5 High-Fidelity DNA Polymerase and Q5 Hot Start High-Fidelity DNA Polymerase.

Reagents Supplied:

5X Q5 Reaction Buffer 4 x 1.5 ml
5X Q5 High GC Enhancer 4 x 1.5 ml



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



B9027S 001120715071

B9027S

6.0 ml Lot: **0011207**
Store at -20°C Exp: **7/15**

Description: New England Biolabs supplies a 5X reaction buffer and supplemental reagent for use with Q5 High-Fidelity DNA Polymerase and Q5 Hot Start High-Fidelity DNA Polymerase.

Reagents Supplied:

5X Q5 Reaction Buffer 4 x 1.5 ml
5X Q5 High GC Enhancer 4 x 1.5 ml

Reaction Conditions: At a 1X concentration the reaction buffer contains 2 mM MgCl₂ and assures optimal activity for Q5 High-Fidelity DNA Polymerase and Q5 Hot Start High-Fidelity DNA Polymerase.

Quality Assurance:

The reaction buffer and supplement are free of detectable nucleases.

Companion Products Sold Separately:

Q5 High-Fidelity DNA Polymerase
#M0491S 100 units
#M0491L 500 units

Q5 Hot Start High-Fidelity DNA Polymerase
#M0493S 100 units
#M0493L 500 units

Q5 High-Fidelity 2X Master Mix
#M0492S 100 reactions
#M0492L 500 reactions

Reaction Conditions: At a 1X concentration the reaction buffer contains 2 mM MgCl₂ and assures optimal activity for Q5 High-Fidelity DNA Polymerase and Q5 Hot Start High-Fidelity DNA Polymerase.

Quality Assurance:

The reaction buffer and supplement are free of detectable nucleases.

Companion Products Sold Separately:

Q5 High-Fidelity DNA Polymerase
#M0491S 100 units
#M0491L 500 units

Q5 Hot Start High-Fidelity DNA Polymerase
#M0493S 100 units
#M0493L 500 units

Q5 High-Fidelity 2X Master Mix
#M0492S 100 reactions
#M0492L 500 reactions

Q5 Hot Start High-Fidelity 2X Master Mix
#M0494S 100 reactions
#M0494L 500 reactions

Deoxynucleotide Solution Set
#N0446S 25 µmol of each

Deoxynucleotide Solution Mix
#N0447S 8 µmol of each
#N0447L 40 µmol of each

This product is covered by one or more patents. Q5™ is a trademark of New England Biolabs, Inc.



CERTIFICATE OF ANALYSIS

Q5 Hot Start High-Fidelity 2X Master Mix
#M0494S 100 reactions
#M0494L 500 reactions

Deoxynucleotide Solution Set
#N0446S 25 µmol of each

Deoxynucleotide Solution Mix
#N0447S 8 µmol of each
#N0447L 40 µmol of each

This product is covered by one or more patents. Q5™ is a trademark of New England Biolabs, Inc.



CERTIFICATE OF ANALYSIS