

Jan 30, 2015

Mixture for M0493 Q5 PCR

DOI

dx.doi.org/10.17504/protocols.io.cjsund



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DOI: <https://dx.doi.org/10.17504/protocols.io.cjsund>

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Keywords: Q5, hot start, PCR, long range PCR, mixture for m0493 q5 pcr, m0493 q5 pcr, pcr, mixture, m0493

Materials

STEP MATERIALS

⊗ Deoxynucleotide Solution Mix - 8 umol of each **New England Biolabs Catalog #N0447S**

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Protocol materials

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Troubleshooting



1 5X Q5 Reaction Buffer

2 10 mM dNTPs



Deoxynucleotide Solution Mix - 8 umol of each **New England Biolabs Catalog #N0447S**

3 10 μ M Forward Primer

4 10 μ M Reverse Primer

5 Template DNA

6 Q5 Hot Start High-Fidelity DNA Polymerase

7 **Optional:** 5X Q5 High GC Enhancer

8 Nuclease-Free Water