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Aliquotting PCR Primer Mixture

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Protocol status: Working

We use this protocol and it's working

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Abstract

How to take lyophilized PCR primers and dilute and aliquot into useful quantities and concentrations.



Dilute primers to 100 μ M

- 1 Add the volume of nuclease-free water to each tube according to the documentation provided by the primer.

In the case of *E. coli* K12, the following volumes are to be used:

Oligo	Volume
F184031	552 μ L
R18551	728 μ L

Make 100 μ L stock

- 2 Use the following table to make 25 μ M, 100 μ L stocks:

Component	Volume
100 μ M F184031	25 μ L
100 μ M R18551	25 μ L
Nuclease Free Water	50 μ L
Total	100 μL

Making 100 μ L aliquots with 25 μ M of each primer.

- 3 Store all primer mixtures in freezer for up to 2 years

Aliquot primer mixtures

- 4 Aliquot the primer mixture into quantities that can be expected to be used in one day to avoid freeze/thaw cycling.