



Aliquotting PCR Primer Mixture

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ABSTRACT

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

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

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 μ L

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.



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