

CleanSeq

Preparation of samples



Sample is an unpurified PCR product (aliquot of the PCR reaction) or other suitable template, amenable to enzymatic cleanup. You must also supply sequencing primer(s) or select some of our universal primers.

Primer requirements:

Primer volume: 200 μ l per 100 samples.

Primer concentration: 5 μ M.

Please note that up to six sequencing primers can be used if samples are supplied in the plate.

If samples are supplied in tubes, one primer can be used for each 16 samples ordered.

Sample requirements:

Template	Concentration	Total volume
PCR product < 500 bp	~ 10 ng/ μ l	5-10 μ l
PCR product 500 – 1000 bp	~ 20 ng/ μ l	
PCR product > 1000 bp	~ 40 ng/ μ l	
Plasmid	~ 100 ng/ μ l	

Note: If you want to order bidirectional sequencing, it is just enough to send a single plate for example with 96 samples, each having a volume of 5-10 μ l, and two sequencing primers. But it is necessary to order sequencing of two plates - the first plate by the CleanSeq protocol (using one of primers) and the other by the StandardSeq protocol (using the other primer).

We recommend 8-tube strips with individual caps (eg Eppendorf 0030124359) or 96-well plates. Do not use parafilm. Please mark the tubes preferably with a number indicating their order in the order form.

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