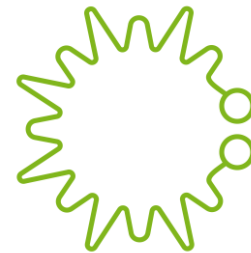


ColonySeq

Preparation of samples



Sample is bacterial cells from agar plate colony, liquid media culture, or glycerol stock. This protocol is designed for mid- to high-copy number plasmids (> 10 copies per cell). You must also supply sequencing primer(s) or select some of our universal primers.

Primer requirements:

Primer volume: 200 µl per 100 samples.

Primer concentration: 5 µM.

Please note that up to **twelve** 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 **eight** samples ordered.

Sample requirements:

Template	Preparation	Plasticware
Bacterial colony	Using a pipette tip, pick a bacterial colony from an agar plate. Resuspend it in 10 µl low TE buffer or nuclease-free water.	Please use 96-well plates or 8-tube strips. Secure plates preferably with lids, avoid adhesive foil which may not be safe enough to prevent spillage.
Liquid culture or glycerol stock	Transfer 1 µl of bacterial culture or glycerol stock to 9 µl low TE buffer or nuclease-free water.	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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