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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. 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.
Liquid culture or glycerol stock	Transfer 1 µl of bacterial culture or glycerol stock to 9 µl low TE buffer or nuclease-free water.	

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