



Sanger Sequencing

Please bring your samples in 1.5 ml Eppendorf tubes

DNA Preparation:

Required volume: 10 μ l per reaction

Required concentration:

Plasmid- 100 ng/ μ l (min 60 ng/ μ l; max 200 ng/ μ l)

PCR product (purified*) - 30 ng/ μ l (min 20 ng/ μ l; max 50 ng/ μ l)

BAC - 500 ng/ μ l

DNA Requirements:

All samples should be dissolved in DDW

Nanodrop 260/280 = 1.8-2.0

If your DNA sample is GC-rich (>70%) you must indicate this in your order

Primer Preparation:

Required volume: 5 μ l per reaction

Required concentration: 5 pmol/ μ l (5 μ M)

Primer Requirements:

All primers should be dissolved in DDW

18-22 bases with 50-60% GC content

Melting point (T_m) = 50-60 $^{\circ}$ C

* For PCR products there is an option to bring samples before purification and we will perform EXO/SAP purification for extra charge. In that case, please bring your samples in a numbered 0.2 PCR strip and add a comment to your order specifying a purification step is needed.