



DNA Sequencing Service Premix Sample Prep

TEMPLATE RECOMMENDATIONS FOR DNA SEQUENCING:

Please follow the guidelines to provide template and primer premixed in one tube:

For DS plasmid DNA:

600-800 ng ds plasmid DNA template

2 μ l 4 μ M primer

x μ l sterile water

28 μ l total volume

For PCR Product:

10-20 ng templates for every 200 bp of PCR fragment length.

2 μ l 4uM primer

x μ l sterile water

28 μ l total volume

(Mix 25-50 ng for every 500 bp PCR fragment)

This total volume is sufficient for two sequencing reactions, which allow us to repeat a sample -in case of technical problems.