

Instrument: ABI Prism 3130xl Genetic Analyzer

DNA Sequencing Sample Submission Guidelines

Sample Type	Template	Template Quantity
PCR Product	100-200 bp	1-3 ng
	200-500 bp	5-30 ng
	500-1000 bp	30-50 ng
	1000-2000 bp	50-80 ng
	>2000 bp	80-120 ng
Plasmid	Single stranded	50-100 ng
	Double stranded	250-400 ng
	Cosmid, BAC	0.5-1.0 µg
Genomic DNA	Bacterial	2-3 µg

Primer - 3.2 picomols/reaction
Total Volume - 8ul (including template and primer)

Samples should be submitted as follows,

- In 1.5 ml eppendorf tubes (if less than 4 samples)
- In 8 tube strips (if 6-40 samples). Label each tube rather than on cap
- In 96 well plate (if 40-96 samples). Load samples column wise. BAS Lab will provide 96 well plates upon request.

Samples should reach Bas Lab before 3 pm for the next day processing.