



**Institute of
Marine and
Environmental
Technology**

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	30-60 ng
	1000-2000 bp	60-100 ng
	>2000 bp	100-120 ng
Plasmid	Single stranded	50-100 ng
	Double stranded	250-400 ng

Primer - 3.2 μ M / reaction
Total Volume - 8 μ l (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 5-40 samples). Label each tube and on cap
- In 96 well plate (if 41-96 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.