

MICROMON GENOMICS SANGER SEQUENCING

USER GUIDE FOR SUBMITTING PREMIXED TEMPLATE-PRIMER IN TUBES FOR THE FULL CYCLE SEQUENCING SERVICE

- We prefer that your template/primer mix is provided to us in 1.5 ml tubes.
- Use the following guide to determine how much template and primer to add. The final volume needs to be made up to 15.5 ul with MilliQ grade water.

TEMPLATE	SIZE	AMOUNT
Plasmid		300 ng
PCR Product	100-200 bp	5 ng
	200-500 bp	10 ng
	500-1000 bp	20 ng
	1000-2000 bp	40 ng
	2000 bp +	80 ng
Large DNA (BAC's, Cosmids)		0.5-1.0 ug

Primer 3-5 pmoles (1 µl of 3-5 µM solution)
MilliQ water as required for final volume of 15.5 ul

- Deliver your sealed tubes to Micromon Genomics for processing and select the **Premixed** option in your online iLab request.
- For further queries, please contact our sequencing staff on 9905 4847.