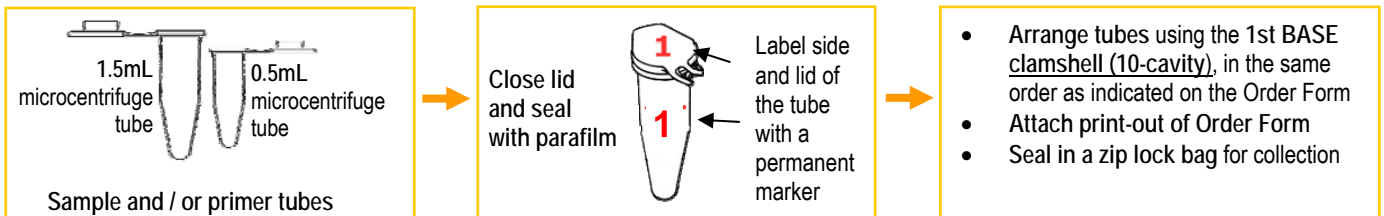


1. Sample Preparation Requirements

Sample	Required Concentration & Volume	Primer	Required Concentration & Volume
Purified PCR Product [90-250 bp]	10 ng/μL, min 20 μL per reaction in dH ₂ O	Sequencing Primer	10 pmol/μL or 10 μM, min 10 μL per reaction in dH ₂ O
Purified PCR Product [251-500 bp]	20 ng/μL, min 20 μL per reaction in dH ₂ O		30 pmol/μL or 30 μM, min 10 μL per reaction in dH ₂ O (Applicable for Direct Genomic Sequencing only)
Purified PCR Product [>500 bp]	40 ng/μL, min 20 μL per reaction in dH ₂ O	OTHERS	Required Concentration & Volume
Purified Plasmid	100 ng/μL, min 20 μL per reaction in dH ₂ O	Primer Walking [≤ 3 kb]	100 ng/μL, min 60 μL per sample in dH ₂ O
Purified M13 ssDNA	50 ng/μL, min 20 μL per reaction in dH ₂ O	Primer Walking [> 3 kb]	Whole bacterial colony OR 100 ng/μL, min 60 μL per sample in dH ₂ O
Purified Genomic DNA	400 ng/μL, min 30 μL per reaction in dH ₂ O		

2. Packing of samples and / or primers (Note: Please ensure the following to prevent delays in processing orders)

a) Tube Sample Submission

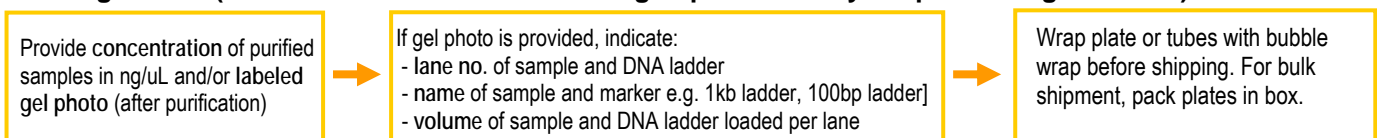


b) Plate Sample Submission

Strip-capped plates are highly recommended. Do not seal plate with sealing film, sealing mat, flat cover / lid as these do not provide adequate seal for each well and might result in cross-contamination or leakage. As a result, the quality of sequencing results might be compromised.



3. Sending Orders (Note: Please ensure the following to prevent delays in processing of orders)



For enquires, please contact our local distributor or 1st BASE at sequencing@base-asia.com