

1st BASE DNA Sequencing Service Quick Guide

A. Online Submission of Orders

- Step 1 Log in to <https://order.base-asia.com> with User ID & Password
- Step 2 Key in Template / Primer data & select sample pick-up time
- Step 3 Print system-generated Order Form
- Step 4 Attach Order Form to the 1st BASE clamshell

Register a new user account on 1st BASE Online Ordering:-

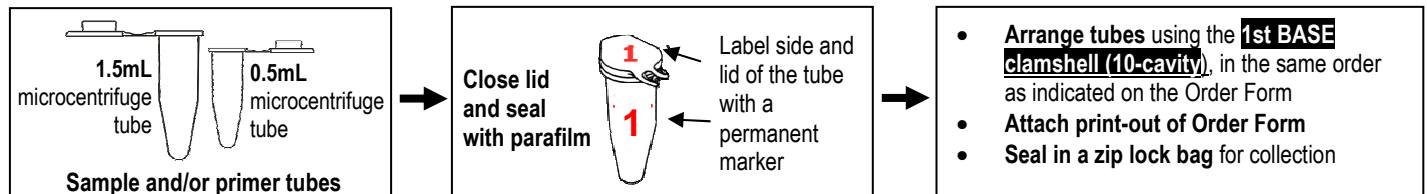
- ★ Log in to <https://order.base-asia.com>
- ★ Click "New User" & register contact details. A User ID & system generated password will be sent via email.

B. Sample Preparation Requirements

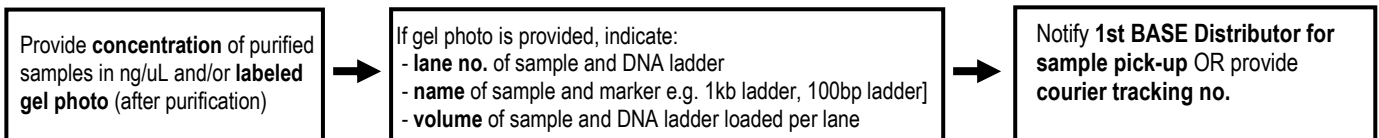
Sample	Required Concentration & Volume
Purified PCR Product [90-250 bp]	10 ng/μL, min 20 μL per reaction in dH ₂ O
Purified PCR Product [251-500 bp]	20 ng/μL, min 20 μL per reaction in dH ₂ O
Purified PCR Product [>500 bp]	40 ng/μL, min 20 μL per reaction in dH ₂ O
Purified Plasmid	100 ng/μL, min 20μL per reaction in dH ₂ O
Purified M13 ssDNA	50 ng/μL, min 20 μL per reaction in dH ₂ O
Purified Genomic DNA	400 ng/μL, min 30 μL per reaction in dH ₂ O

Primer	Required Concentration & Volume
Sequencing Primer	10 pmol/μL or 10 μM, min 10 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)
OTHERS	Required Concentration & Volume
Primer Walking [≤ 3 kb]	100 ng/μL, min 60 μL per sample in dH ₂ O
Primer Walking [> 3 kb]	Whole bacterial colony OR 100 ng/μL, min 60 μL per sample in dH ₂ O

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



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



For enquires, please email: sequencing@base-asia.com