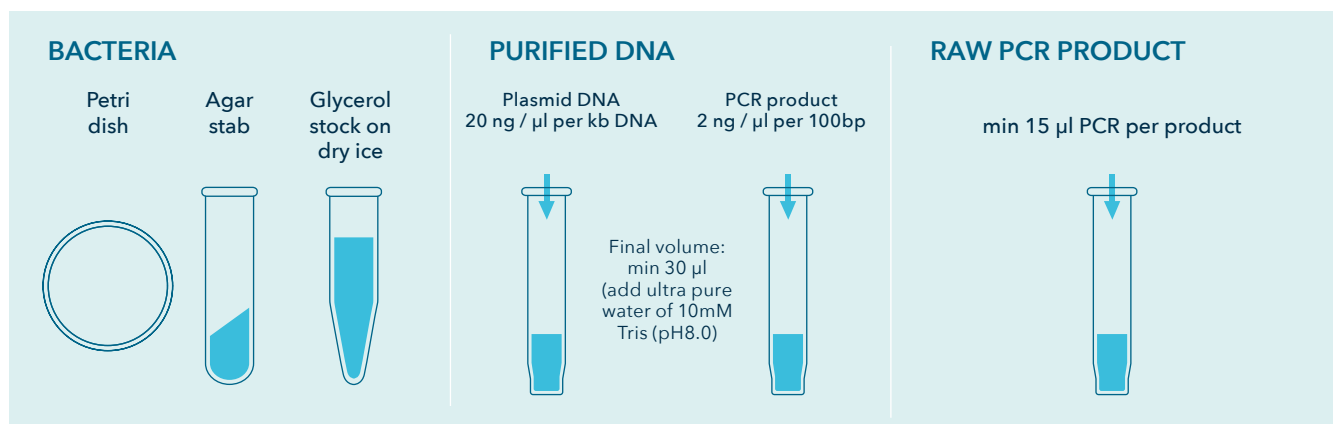


Order instructions quick shot sequencing

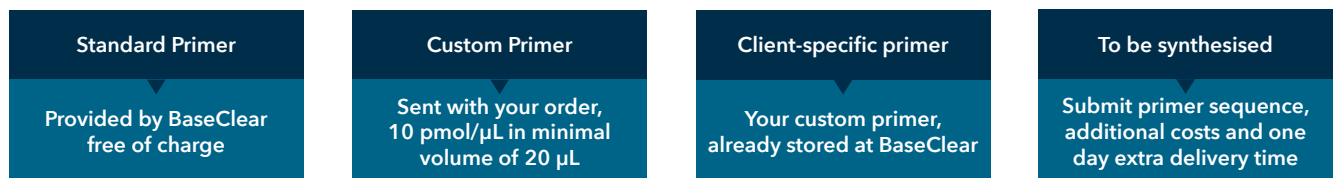
Option A: Quick Shot separate

1. SAMPLES



Note: Do not send more than 2 samples per petri dish

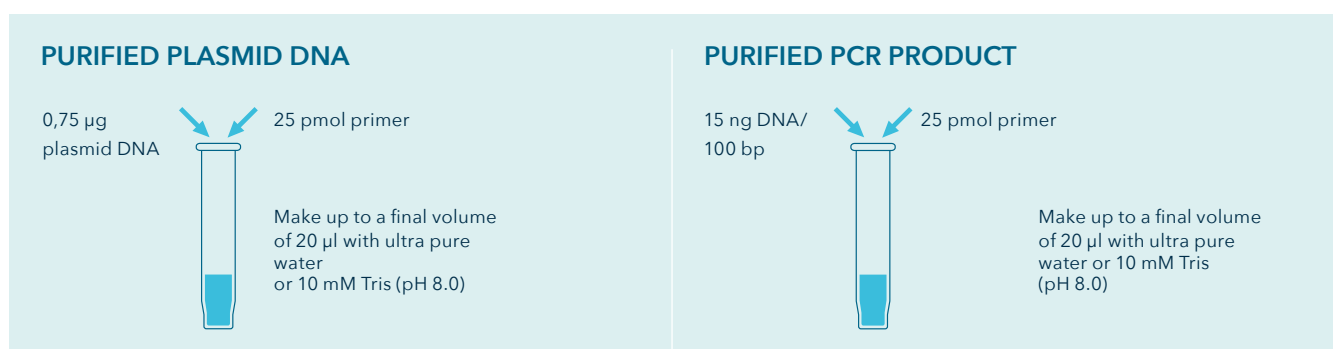
2. PRIMERS



NOTES

- Samples can be sent in using our free BaseBox service
- DNA preferably column purified dissolved in water or 10mM Tris pH8.0.
- DNA samples should be free of EDTA and ethanol since trace amounts of these compounds will inhibit the sequence reaction.
- 2 μ l of the PCR product on agarose gel should give a single clear and sharp band.

OPTION B: QUICK SHOT PREMIX



STANDARD PRIMER LIST

NAME	PRIMER SEQUENCE
3-AOX1	GCAATGGCATTCTGACATCC
5-AOX1	GACTGGTTCCAATTGACAAGC
AmpL1	ACAGTCCAGTTACGCTGGAGTC
AmpR1	CTTCTGCTATGGAGGTCAGGTATG
attL1-Fw	ACTTAAGCTCGGGCCCCAAA
attL2-Rv	TGTAACATCAGAGATTTTGAGACA
BGH2	GAACTAGAAGGCACAGTCGAGG
CMV-fw2	CGGTACGCGTGGGAGGTCT
MF	TTTCCAGTCACGACGTTG
MF (-47)	CGCCAGGTTTTTCCAGTCACGAC
MF-20i	GTA AACGACGGCCAG
MR	GGATAACAATTTACACAGC
MR-Invitrogen	CAGGAAACAGCTATGACC
pBAD Forward	ATGCCATAGCATTTTATCC
pBAD Reverse	GATTTAATCTGTATCAGG
pDonR F1T	CGCGTTAACGCTAGCATGGATCTC
pDonR R1	GTAACATCAGAGATTTTGAGACAC
pECFP-C1-FW	CAAAGACCCCAACGAGAAGC
pECFP-C1-RV	CATTCATTTTATGTTTCAGTTCA

NAME	PRIMER SEQUENCE
pGEX forward	ATAGCATGGCCCTTTCGAGG
pGEX reverse	GAGCTGCATGTGTCAGAGG
poly-A	TTTTTTTTTTTTTTTTTTTTT
pQE60-FW	CCCGAAAAGTGCCACCTG
pQE60-Rv	GTTCTGAGGTCATTACTGG
pRSforward	CCCTTGAACCTCCTCGTTCGACC
pRSReverse	GAGACGTGCTACTTCCATTGTG
pRSseq	GCTGACGTCATCAACCCGCT
pTrcHis Forw.	GAGGTATATATAATGTATCG
pTrcHis Rev.	GATTTAATCTGTATCAGGCTG
SL1C	AGTCCAGTTACGCTGGAGTC
Sp6i	GATTTAGGTGACACTATAG
SR2	GGTCAGGTATGATTTAAATGGTCAGT
T3ext.	AATTAACCCCTCACTAAAGGG
T3i	AATTAACCCCTCACTAAAG
T7	TAATACGACTCACTATAGGG
T7-R	GCTAGTTATTGCTCAGCGG
Tk PolyA Rev	CTTCCGTGTTTCAGTTAGC

ABBREVIATIONS SANGER SEQUENCING

HS	High signal
LS	Low signal
NO	No signal
SD	Signal drop
SS	Signal stop
DS	Double signal
DB	Double signal at the start
DE	Double signal at the end

EC	Echo signal after a stretch
BP	Broad peaks at the end
BG	Background signal
SP	Spike in the sequence
ST	Stretch in the sequence
R	Reaction will be repeated
X	Reaction will not be repeated

Order online

Create your order using our convenient online portal <https://orders.baseclear.com>. Print the generated order form to send with your samples

We perform

- Analysis starting at a minimal batch size of 8 samples. Smaller orders are invoiced at 8 samples
- Analysis only on samples received in traxis tubes
- Optional plasmid isolation (miniprep) or PCR product purification with Quick Shot separate
- Sequencing run on ABI 3730(XL) DNA Analyzer
- Data analysis by KB caller, for superior base calling and sequence data interpretation

You receive

- Data within 2-3 working days if submitted before 10 A.M.
- Results provided via secure online portal
- E-mail notification when results are ready to download
- Full report, including sequence data in FASTA, SCF and ABI format.
- Sequence length of up to 1100 bp (long run) or 550 bp (short run)
- Sequence runs are reviewed manually by our specialists
- One re-runs (if needed) included

