

Order instructions barcode sequencing

SAMPLE PREPARATION

PURIFIED PLASMID DNA

0,75 µg DNA 25 pmol primer

Make up to a final volume of 20 µl with ultra pure water or 10 mM Tris (pH 8.0)

PURIFIED PCR PRODUCT

15 ng DNA/
100 bp 25 pmol primer

Make up to a final volume of 20 µl with ultra pure water or 10 mM Tris (pH 8.0)

Notes

- Premix your sample and primer in our BaseClear tubes
- Additional BaseClear tubes and BaseBoxes can be ordered for free via our order website.
- Only deliver column purified DNA 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.
- Use the sticker with BarCode to label your tube, the other sticker can be used for your lab report.

CREATE ONLINE ORDER

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

WE PERFORM

- 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 1-2 working days
- Results provided via our 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 1.100 bp

ABBREVIATIONS SANGER SEQUENCING

HS	High signal	EC	Echo signal after a stretch
LS	Low signal	BP	Broad peaks at the end
NO	No signal	BG	Background signal
SD	Signal drop	SP	Spike in the sequence
SS	Signal stop	ST	Stretch in the sequence
DS	Double signal	R	Reaction will be repeated
DB	Double signal at the start	X	Reaction will not be repeated
DE	Double signal at the end		