



Date / ref.: SEQ-2012-03-29_Standard

Capillary Sequencing Service

Standard Protocol

Introduction:

Protocol for DNA sequencing using Sanger protocol and BigDye 3.1.

- **Standard Service**

Samples provided in any tubes or plates.

Unsuccessful reactions are free: we'll do our best to deliver sequences.

Free repeats, e.g. using different conditions.

Sequences are manually verified and quality control comment provided for each sequence, when necessary.

Our read lengths are typically 900 bases and may reach 1000 bases for optimal template and primer.

Editing service available.

Difficult templates: special protocols are available free of charge:

- Telomeres;
- Low concentration templates;
- Large plasmids, cosmids, BACs;
- GC-rich, poly-A/T stretches, hairpins, etc...

Free pickup in Geneva. For mail, pre-paid A-post stickers available.

Custom support.

Requirements:

For each reaction, we need, in separate tubes template DNA and specific primer:

Template DNA min 5 uL per reaction

Primer at 10 uM

When the same template, or primer, is used for several reactions, one tube per template or primer is sufficient

Template DNA

100 femtomols template DNA:

- **100 ng/uL** of plasmid DNA (250-500 ng)
- **200 ng/uL** for large plasmids, cosmids or BACs (min **1 ug**)
- **3 uL** of PCR product (**a visible band**) or 10-200 ng (approx. 2 ng per 100 bp)

Please provide **5 uL per reaction**.

We keep templates for 3 months.

As the DNA template is one of the main factors influencing sequence quality, it should be purified using commercial kits.

It should be provided in distilled water (or Tris), free of EDTA and other salts, proteins, RNA, or genomic DNA.

PCR products have to be purified from reaction buffer, primers and nucleotides. They must appear as single band in an agarose gel.

Primer

5 picomols primer.

- **1 uL** per reaction of primer at **10 uM**.

[Standard primers](http://www.fasteris.com/seq/primers.html) available at FASTERIS are listed at <http://www.fasteris.com/seq/primers.html>.

We can keep your specific primers for further use, free of charge.

Shipping

Samples can be sent at room temperature in a bubble envelope.
Free pick-up in Geneva. Place your samples in a plastic bag on your lab's door.
When sending by post, free pre-paid stickers for priority "A" mail are available.

Shipping address:

FASTERIS SA
Capillary Sequencing Services
Case postale 28
CH-1228 Plan-les-Ouates

Tel: +41-22-794 22 42
sequencing@fasteris.com

Prices:

Standard Service	Discount	Price per reaction (CHF)	Prepayment (3% additional discount)
		20.00	19.40
Over 25 per month	5%	19.00	18.43
Over 50 per month	10%	18.00	17.46
Over 100 per month	15%	17.00	16.49
Over 500 per month	20%	16.00	15.52
Over 1000 per month	25%	15.00	14.55

Editing

Manual editing of the sequences is charged CHF 5.- per sequence.

Prepayment: Minimum CHF 500.-, 3% additional discount.

Results delivery:

Results are normally sent by mail. For large orders, sequences are available for download on our secure server.

For Geneva customers, the sequencing results are delivered at 10h30 the day after pickup

For all other customers, the sequencing results are delivered at 16h when samples are received before 9h at Fasteris. Does not apply to very large orders.

For special protocols (low concentrated DNA, GC-rich, telomers...) results will be sent around noon the day after reception of the samples at Fasteris.

Prices and specifications are subject to change without notice

Prices are in Swiss Franc (CHF) excluding VAT.

For customers in Switzerland 8% VAT is charged, VAT is not charged for EXPORT.

Our General Terms and Conditions apply.

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