



Microsynth
THE SWISS DNA COMPANY

Overnight DNA Sequencing Service



Fast Overnight Service

Drop your sample(s) in the Microsynth's collection box in the afternoon and receive your result(s) at 10 AM of the next business day. Environmental friendly shipment of samples by bike courier and train

Proven Quality

Microsynth has over twenty years experience in the field of DNA Sanger sequencing. The Sanger sequencing division of Microsynth is certified according to ISO 9001:2008 and accredited according to ISO/IEC 17025:2005 (STS).

Find Closest Collection Box

- Login our webshop at www.microsynth.ch; click click "Options & Preferences" under DNA sequencing
- Find the closest collection box including the detailed description about the location and pick-up time.

Your Benefits Include

Up to 1'100 bases – **Standard primers and specific primers will be added free of charge – Re-runs upon request free of charge** – Convenient service: easy ordering and overnight production of specific sequencing primers – Pre-paid bar-

code labels available in batches of 50, 100, 250 and 500, or 1000 (no expiration date, use by multiple researchers). **Direct access to support by experienced academic staff** (no waiting on a recorded-message hotline) – **Results are provided**

via e-mail; or if you wish via download from a HTTPS server (FASTA files and ab1-chromatograms); **chromatograms can be viewed and edited.**

New Customer?

Test the sequencing service at no charge!

E-mail at sequencing@microsynth.ch

Receive 4 free barcode labels (per research group)

How to Order?

Enter our webshop via www.microsynth.ch

Click on "Select Services" (DNA Sequencing)

Click on "Order Barcode Labels" and follow the further instructions

Need More Information?

Call us at +41 71 83 33 or

E-mail us at sequencing@microsynth.ch

Important – Please Note!

- *Microsynth also offers several High-Throughput Sanger Sequencing Services with very attractive prices. Depending on the number of samples to sequence prices down to CHF 4.50 are possible even including the PCR clean-up or plasmid purification.*
- *Moreover, Next Generation Sequencing Technologies (Illumina NextSeq and MiSeq, PacBio and Roche 454 GS FLX) are available at Microsynth*



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Step-by-Step Protocol for Sample Preparation



Easy Sample Preparation

1. Purify your PCR product with a suitable protocol (e.g. columns) or extract the plasmid using commercial kits.
2. **Pipette 720 - 1200 ng of the plasmid DNA or 18 ng/100 bp of the PCR product** (e.g. 72 ng for a 400 bp product) in a 1.5 ml tube (please use either screw cap or safe-lock tubes to avoid accidental opening of your samples during transport) and fill the tube **to a total volume of 12 µl**.
3. Add either 30 pmol of your sequencing primer or Microsynth to add your desired primer*.
4. Login to our webshop at www.seqlab.de and click on **Single Tube Sequencing** in the green DNA Sequencing area. Then click on **Fill Order Form for our Barcode Economy Run Service**. Please follow the further instructions in the webshop.
5. Finally put your sample(s) into a transparent plastic bag and drop it into the closest collection box. Alternatively, use our prepaid and preaddressed envelopes for mail shipment.
6. Your sequencing results will be available for download or we will be sent by email the next business day.

** Please note that Microsynth offers a high degree of flexibility with respect to utilization, storage and online stock management of your specific sequencing primers. If you want us to add a specific primer, just send it along with your sample and it will be stored for at least 6 months (or for 12 months in case you have added them to your Custom Primer List). If plasmids shall be sequenced, you can select from a list of >90 standard primers.*

We Are Here to Help!

If you have any questions or need technical support please do not hesitate to contact us (Monday - Friday, 7:30 AM to 5:45 PM).

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