



Economy Run - Best-in-Class Sanger Service

Fast Turnaround Times

For overnight services, delivery of results early next morning before the start of your work, from Monday until Saturday.

High Quality Results

Up to 1'100 bases or more in Phred20 quality for routine but also most difficult-to-sequence plasmid & PCR samples.

Environmentally-Friendly

Your sequencing samples are predominantly shipped using environmentally-friendly transport vehicles (train, bicycle).

Overview Economy Run

The Economy Run is a **best-in-class** Sanger sequencing service in tubes and plates for routine but also most

difficult-to-sequence plasmids and PCR products. It includes various useful add-on features and is available in a

prepaid or non-prepaid version. The prepaid service is very popular due to its **excellent price-performance ratio**.

Features and Benefits

Up to 1'100 bases read length and more – **Standard but also specific primers will be added free of charge** – In-house production of specific sequencing primers – **Intuitive, user-friendly and fast** sample registration process via our

online portal – Possibility to **fine-tune sequence software analysis parameters** to achieve your desired performance – Direct access to **support by experienced academic staff** – Useful online tools enabling you to oversee

your stock of barcode labels and primers but also to share it amongst your group members – **All results are available for download**, chromatograms can be viewed and edited.

| Specific Service Features | Economy Run Tube Prepaid | Economy Run Tube Non-prepaid | Economy Run Plus Plate Prepaid | Economy Run Plate Prepaid | Economy Run Plate Non-prepaid |
|---|--------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Purchasing unit | batches of 50 labels | per reaction | 1 plate label | 1 plate label | per reaction |
| Overnight sequencing ¹ | X | X | | | |
| Upfront PCR purification | X ² | X ² | included | | X ² |
| Upfront plasmid isolation from <i>E.coli</i> | | | included | | X ² |
| Results delivery following sample receipt | Mo - Sa | Mo - Sa | Mo - Sa | Mo - Sa | Mo - Sa |
| | prior 8 AM next day | prior 8 AM next day | prior 8 AM next day ³ | prior 8 AM next day ³ | prior 8 AM next day ³ |
| Primer storage (on custom primer list) | 6 months (12 months) | 6 months (12 months) | 6 months (12 months) | 6 months (12 months) | 6 months (12 months) |
| Template storage | 4 working days | 4 working days | 1 month | 1 month | 1 month |
| Multiple sequencing out of one tube/plate | on request | on request | X | X | X |
| Colony picking from agar plates into 96-well plates and generation of glycerol stocks | | | X ² | | X ² |
| Higher-scale plasmid isolation (Midi/Maxi) from selected clones | | | X ² | | X ² |
| Shipment of isolated plasmids back to customer | | | X ² | | X ² |

1) Requires a Microsynth sample drop box in your vicinity with overnight logistics

2) Additional charge applies

3) Applicable for purified samples which arrive at our facility in the early morning (no overnight sequencing possible)

Products

Economy Run (batch of 50 prepaid labels)

Economy Run (batch of 50 non-prepaid labels)

Economy Run Plus (1 prepaid label and 96-well plate)

Economy Run (1 prepaid label and 96-well plate)*

*For non-prepaid plate version, Microsynth does not require plate labels. The manual labeling of your 96-well plates is sufficient.

Never Tried?

Write an email to sanger.support@microsynth.ch and ask for **free labels**.

Need More Information?

Call us at +41 71 726 10 04 or

Email us at sanger.support@microsynth.ch

"We are highly satisfied with Microsynth's Economy Run. They are fast, reliable and offer the greatest value for money. Most importantly, the quality of reads we get are consistently high. With excellent customer support too we have no hesitation in recommending their services to others."
Dr. Hermann Schmidt, DNA-Cloning Service