

Easy Run

Ordering of Prepaid Labels

Please proceed as follows:

1. Enter our webshop on www.microsynth.seqlab.de (click on "LOGIN")
2. Click on „**Order Labels**“ in the green DNA Sequencing area
3. Click on "**Easy Run**"
4. Select the required number of labels

5. Important: The registration of the labels is mandatory. If you want to share your labels with colleagues you need to unregister your labels first. For that go to "Options & Preferences" and there to "Label Management" at the top of the list. Your colleague needs then to register the labels again the same way.

Sample Preparation

Tubes to be used and its Labeling

When preparing your samples, please make sure that your samples are placed into 1.5 ml tubes. Screw cap tubes (see image below) are the most robust and save tubes (no accidental lid opening). If you use snap cap tubes we recommend to use Safe-Lock/Safe-Seal tubes (less risk of accidental lid opening). Please note that Microsynth Seqlab cannot process 2 ml, 0.5 ml and 0.2 ml sample tubes. Our highly automated process of sample preparation requires the use of 1.5 ml tubes.

Simply stick the **yellow prepaid barcode labels** on your sample tubes as shown in the image. Please do not put any sticker onto the lid of your tubes and do also not wrap the tubes with parafilm!



Sample Amounts per Sequencing Reaction & Concentration

DNA Template	Concentration	Primer
Plasmid	40-100 ng/ μ l ¹	3 μ l of a 10 μ M solution added to 9 μ l sample
PCR	2 ng/ μ l per 100 bases in a volume of 12 μ l	
PCR (200bp)	4 ng/ μ l	
PCR (500bp)	10 ng/ μ l	
PCR (>500bp)	etc.	

¹ Optimal plasmid concentration is 80 ng/ μ l.

General Information

DNA samples and sequencing primers have to be sent premixed (within one tube). Each premixed DNA sample should have a **volume of 12 μ l**. DNA samples and primers for sequencing reactions are preferentially dissolved in pure water. Alternatively, 10 mM Tris-HCl (pH 8) or 10 mM Tris-HCl (pH 8) with a maximum of 0.5 mM EDTA can be used for a better long term DNA stability. **TE-buffer (10mM Tris-HCl, 1mM EDTA) might cause sequencing problems.** Your samples won't be stored.

Sample Shipment

Please proceed as follows:

1. Pack your samples into any type of transparent plastic bag (important: one bag per order)
2. Drop your sample package into the nearest Microsynth sample drop box (if available in your vicinity) or alternatively use our free labels for courier shipment

Need More Information?

In case you need help or more information, please do not hesitate to

- call us at +49 551 37 000 15/17
- or email us at info@microsynth.seqlab.de