

Sample Preparation & Submission – TubeSeq Service

With every TubeSeq Label order you receive a sample submission guide. This guide is also available as pdf: https://eurofinsgenomics.eu/media/1611256/eurofins-flyer-tubeseq_20210406_online.pdf

Sample Preparation & Submission.



1. DEFINE REACTIONS

Login to your Eurofins Genomics account. Choose "TubeSeq Service" in the order menu.
Define your reactions on the order page and allocate the barcodes to your reactions.

2. LABEL TUBES

Affix the barcode on your sample tube. Use our Tube Labels for enclosed primers. Please don't use parafilm to seal your tubes!

3. SUBMIT SAMPLES

Use a DropBox to benefit from free sample pick-up. Make sure to pack your samples safely.

4. DOWNLOAD RESULTS

You will receive an email once your data is ready to download from your Eurofins Genomics account.



DNA & PRIMER CONCENTRATION & VOLUME

Sample type	Product length	Sample conc.	Vol. 1-4 rct.	Vol. 5-8 rct.
Plasmid DNA	<30 kbp	50-100 ng/µl	15 µl	20 µl
BAC/PAC/Cosmid DNA	30-200 kbp	200-1000 ng/µl	15 µl	20 µl
Purified PCR Products	150-300 bp	1 ng/µl	15 µl	20 µl
	300-1000 bp	5 ng/µl	15 µl	20 µl
	1000-3000 bp	10 ng/µl	15 µl	20 µl
Unpurified PCR Products	150-300 bp	4 ng/µl	15 µl	20 µl
	300-1000 bp	10 ng/µl	15 µl	20 µl
	1000-3000 bp	20 ng/µl	15 µl	20 µl
Enclosed Primer	16-25 bases	10 pmol/µl	15 - 30 µl*	35 - 50 µl*

*Primer must have a volume of 15 µl (double distilled water or 5 mM Tris-HCl); 5 µl of primer is required for every additional sequencing reaction.

With every LightRun Tube Barcode Label order you receive a sample submission guide. This guide is also available as pdf: https://eurofinsgenomics.eu/media/1611196/eurofins-flyer-samplesubmission-lightrun-tube_20210322_online.pdf

Sample Preparation & Submission.

Just send the samples!
- Placing an sequencing order online is not necessary!!!



1. DEFINE REACTIONS

Premix template and primer by adding 5 µl template (concentrations please see below) + 5 µl primer with a concentration of 5 pmol/µl to your tube.

2. LABEL TUBES

Affix the barcode in front of the tube and keep the other part for your lab record. Please don't use parafilm to seal your tubes!

3. SUBMIT SAMPLES

Use our tube bags or eco-friendly paper boxes for safe shipment. Drop your samples in a DropBox to benefit from free sample pick up and NightXpress service.

4. DOWNLOAD RESULTS

You will receive an email once your data is ready to download from your Eurofins Genomics account. Data will be available 8 am – 1 pm the next business day after sample dropoff at a DropBox.



1. Only use 1.5 ml safe-lock tubes

2. Remove barcode sticker from film

3. Affix barcode sticker horizontally that barcode is centric at the front

4. Barcode visible at front so it can be read by scanner

DNA CONCENTRATION & VOLUME

Sample type	Product length	Sample conc.	Sample vol.
Plasmid DNA	—	80-100 ng/µl	5 µl
Purified PCR Products	150-300 bp	2 ng/µl	5 µl
	300-1000 bp	12 ng/µl	5 µl
	1000-3000 bp	25 ng/µl	5 µl

Quantify the DNA concentration via agarose gel or a photometer to ensure accurate results.