Bio-Fab research

Servizi di Supporto alla Ricerca

SAMPLE SHIPMENT

Genomics

Bio-Fab research s.r.l. Sede legale: Via Mario Beltrami, 5 00135 - Roma
pi/ct/cciaa n. 08736731004 - REA n. 1114841 - Cap.soc. I.v. 10.000,00
Tel. 06- 99775432 Fax 06-45493940
www.biofabresearch.com - info@biofabresearch.it - biofabresearch@pec-pro.eu

Before Shipment

To submit samples for amplicon or WGS seq, complete **MOD_Genomics_ONT**.

The form must be filled out, naming each sample "**Surname_Number**." After the number, you can add any name deemed useful by the customer (e.g., Rossi_01_ctrl_t0). Do not include blank spaces or these symbols: * " < > | ? –

NGS Bio-Fab research

SEQUENCING TGS
WGS

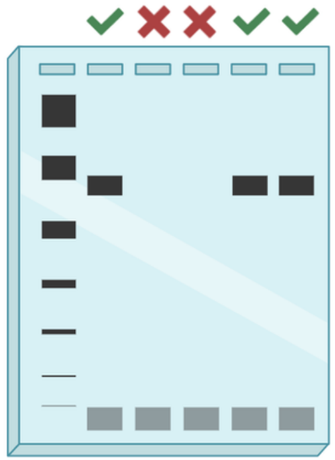
First Name and Last Name (of the person to whom the order is registered):	**Order No. (optional):**
First Name and Last Name (of the person sending the samples):	**Date:**
Email address(es) to send results to:	**Tel.**

Send this form together with a photo of the control gel by email to: laboratori@biofabresearch.it before sending the samples

The form must be filled out by naming the samples "Surname_number". After the number, you can add any name the customer deems useful, e.g. Rossi_01_pGem_M13.
Do not include blank spaces or these symbols \ / : * " < > | ? –

SAMPLES

	Sample Name	Volume (ul)	Concentration (ng/ul)	A 260/280	A 260/230	D.I.N.	Species
1							
2							
3							



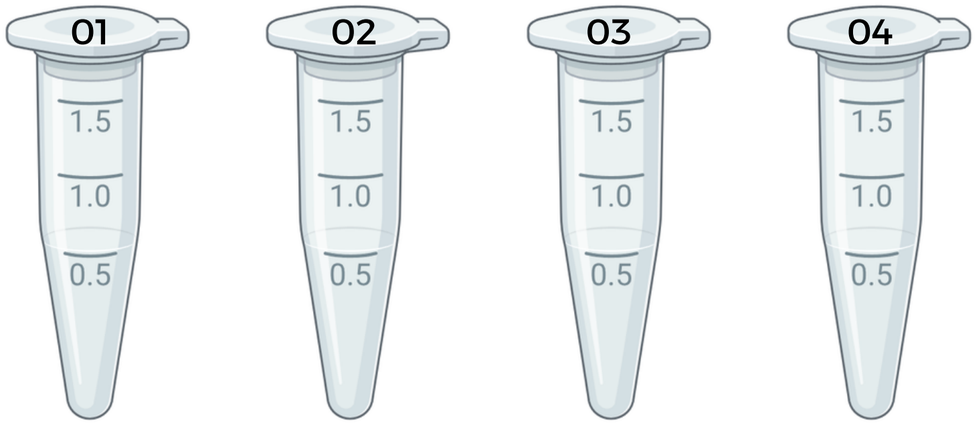
Before sending samples, please send an email to **laboratori@biofabresearch.it** containing:

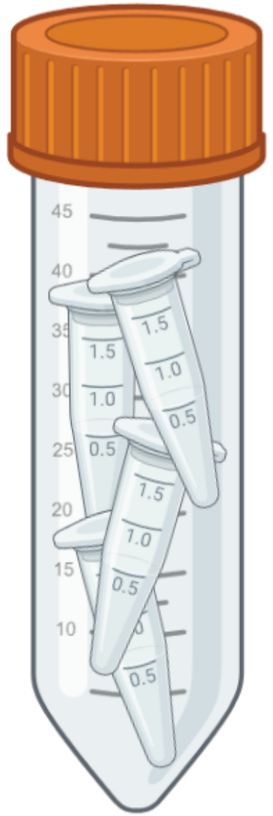
- The completed form;
- A photo of the gel-run samples (indicating the ladder used).

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up to 24 samples

When the number of samples is less than 24, complete **MOD_Genomics_ONT (Amplicon_up to 24) or WGS**. Samples must be shipped in 1.5 ml Eppendorf tubes, tightly closed and wrapped in foil. The tubes must be numbered consecutively, starting from 01.





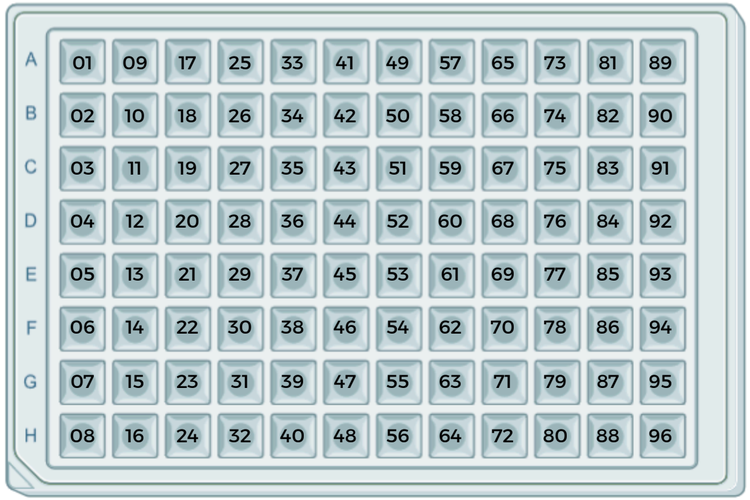
Only the sample number should be indicated on the tubes. The tubes should be placed inside 50 ml Falcon tubes to avoid damage during shipping.

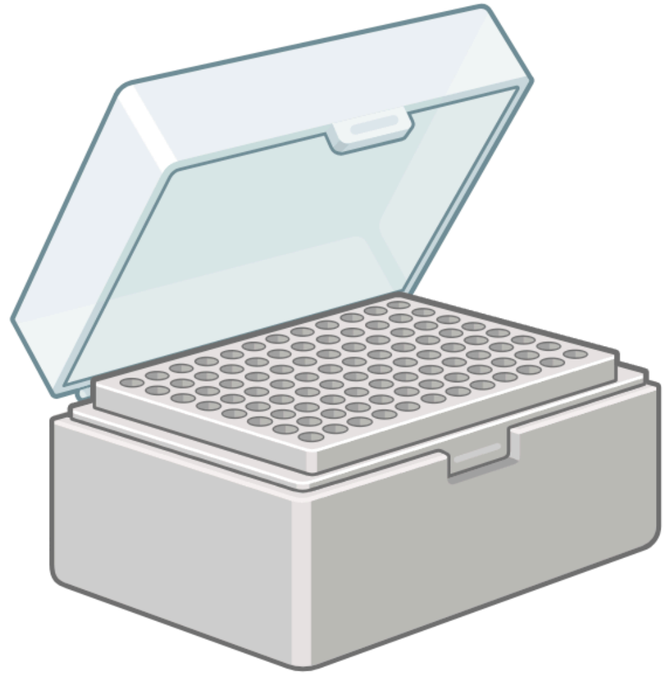
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> 24 samples

When the number of samples is greater than 24, fill in **MOD_Genomics_ONT (Amplicon_plate)**. Samples must be shipped in plates of 96. Ordered starting from position A1, as shown in the figure.





The plates must be tightly closed with caps or cling film. Film-wrapped plates should be placed inside tip boxes to prevent damage during shipping.

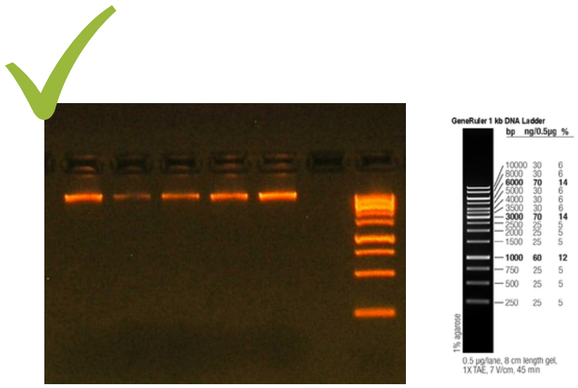
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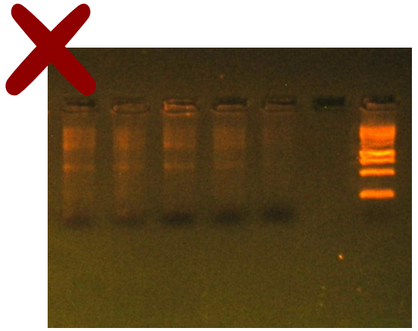
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DNA Shipment

Sample shipment guidelines:

NB. In any type of sequencing using Oxford Nanopore technology, to obtain a good result, it is essential to have an excellent starting sample.





- Unfragmented DNA, with a 260/280 ratio of approximately 1.8 and a 260/230 ratio in the range of approximately 1.8-2.2;
- Defined gDNA band, greater than 10 kb and with no smear;
- We recommend the use of specific kits for long read sequencing;

- **Amplicon sequencing**: amount of approximately **250 ng total in 15 ul of dH_2O**. Fluorimetric methods such as Qubit are recommended for quantification.
- **WGS and Shotgun metagenomics**: mount of approximately **1.5 ug total in 15 ul of dH_2O**. Fluorimetric methods such as Qubit are recommended for quantification.

Samples must be shipped inside polystyrene, refrigerated using ice packs (NO ICE)

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Note

Sample Shipment Guidelines:

Validation:

Our sequencing service involves two evaluation steps:

1. Upon arrival at our laboratories, samples are validated and quantified using Qubit. If the delivered samples are found to be unsuitable (insufficient quantity, 260/230 and 260/280 ratios are too low, fragmentet samples, etc.), the customer will be contacted to agree on the next steps.

2. After library preparation, samples are validated and quantified using Qubit and Tape Station. If the libraries are found to be unsuitable (insufficient quantity, unsuitable fragment length, etc.), the customer will be contacted to agree on the next steps.

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To schedule sample shipment, please contact our laboratories by email at

laboratori@biofabresearch.it

or calling

+39 327 567 4978

WE ARE WAITING FOR YOU!

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