



Customer libraries submission guidelines

Customer Libraries for sequencing

Submit 15 – 20 ul of library at a minimum concentration of 10 nM. In case of lower molarity, contact us to determine the feasibility of the sequencing.

Please note that fluorimetry-based quantification (*e.g.* Qubit, plate-reader) assays are the more suitable methods to quantify libraries.

Verify both library's concentration and fragment distribution with an automated electrophoresis system (*e.g.* Bioanalyzer, Caliper) and forward us results.

If samples are processed with a commercial kit, use the buffer indicated in the protocol to resuspend the final library, following the manufacturer's instruction.

For custom protocols, resuspend the final library in 10mM Tris-HCl pH 8.5.

IMPORTANT

To avoid multiplexing issues during libraries sequencing, use an appropriate number of different indexes to make sure that each library has a UNIQUE BARCODE and that barcodes used are compatible. If necessary, please contact us to reach an agreement on indexing before the libraries are prepared.

For batches of <24 samples, send samples in 1.5 mL or 2 mL Eppendorf tubes sealed with parafilm (***0,5 mL and 0.2 mL tubes as well as strips will be not accepted***). The tubes must have, on the vial top, a clear and permanent sign (or a thin label) with a **progressive number** corresponding to information specified in the **Library Spreadsheet**.

For batches of 24 or more samples, send samples in a skirted 96-wells plate, sealed with adhesive/heat-sealed aluminum foil. Each plate must be labeled with a plate identifier indicated in the **Library Spreadsheet**.



Ship libraries in a cold pack (*e.g.* Blue ice). Organize the packaging in a way to avoid damaging and dispersion during the shipment: place tubes and plates in smaller plastic bags or boxes.

It is **MANDATORY** to send us the compiled **Libraries Spreadsheet**, both with the shipped parcel and via e-mail. To be able to properly track and safeguard your samples send us the **Tracking Number** via e-mail.

IMPORTANT

Indicate in the Spreadsheet the kit used for the library preparation, specifying the indexing system and the correct library/index association.

For non-commercial adapters, it is MANDATORY to indicate the adapter sequences used.