ChIP-Seq sample preparation guidelines

Immunoprecipitated DNA for ChIP-Seq

Submit at least 1 ng of immunoprecipitated ds-DNA. **In case of lower total amount, contact us to determine the feasibility of the processing.**

Resuspend DNA in low-EDTA TE buffer or Nuclease-free Water.
DNA samples must be free of contaminating proteins, RNA, organic solvents (including phenol and ethanol) and salts.
The A260:A280 and A260:A230 ratio for DNA samples should be > 1.8. Use of DNA samples with lower ratios may result in low amplification yield.

Elute or concentrate the final material in a volume as small as possible.

Please note that fluorimetry-based quantification assays (*e.g.* Qubit, plate-reader) are more accurate than absorbance-based methods (*e.g.* Nanodrop), which might overestimate the quantity.

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 **Sample 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 **Sample Spreadsheet**.

Ship samples 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 **Sample 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.