Sample Order Sheet

Shipment of samples/libraries is always after acceptance of the submission form to the “Centro Piattaforme tecnologiche”.

Shipment of RNA and DNA samples together: please fill separated order sheets.

# Contact Information

|  |
| --- |
| Name (Contact person) |
| Institution/Company  |
| Department  |
| Street Address  |
| Postal code/City |
| Email  |
| Telephone  |
| Date of Order  |
| Shipping Courier  |

# Brief description of the project

# Sample information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Sample name | Sample Type | Elution Buffer | Total Volume (uL) |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  |  |  |  |
| 15 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Conc (ng/ul) | Fluorometer/Spectrophotometer | 260/280 | 260/230 |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  |  |  |  |
| 15 |  |  |  |  |

# Sample requirements

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample type | Quantity | Elution Buffer | Conc (ng/µL) | Vol. (µL) | Purity (ratio 260/280) | Purity (ratio 260/230) | Integrity |
| RNA (Stranded Total RNA) | 2-3 µg | water | > 50 | > 20 | at least 1.8  | 1.8 - 2.1 | RIN >7 (\*1) |
| gDNA for exome (Agilent or Nimblegen) | 1-3 µg | LowTE(\*2) or water | > 50 | > 20 | at least 1.8  | 1.8 - 2.1 |  |
| DNA for ChIPSeq (KAPA) | >100 pg |  water  | At least 2pg/ul |  |  |  |

(\*1) RNA Integrity Number. If you can't perform Bioanalyzer analysis it is necessary to evaluate the integrity of the RNA in running agarose gel with 1% formaldehyde and staining with ethidium bromide. Please attach a picture of the run of the gel to the sample sent. In case of genomic DNA contamination the RNA sample must be treated with DNAse and purified before sending.

(\*2) TE Buffer [1X], pH 8.0, Low EDTA (Tris-EDTA; 10mM Tris base, 0.1mM EDTA)

Sending sample amount lower than those required and/or low quality may result in a reduction of library quantity/quality and compromise the clusters formation. So it is extremely important to determine the concentrations of samples obtainable by Fluorometer/ Spectrophotometer and Bioanalyzer.

# Shipping Information

Please send your samples to the following address:

**Centro Piattaforme Tecnologiche (CPT)**

**Università di Verona**

**Pz.Le L.A. Scuro, 10 – Palazzina di Farmacologia**

**37134 Verona - Italy**

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