

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
Sophisticated Analytical Instrument Facility (SAIF)
ANALYSIS REQUEST FORM AND SAFETY DATA SHEET
HRLCMS-ORBITRAP

Name of the User:

Name of Guide/PI:

Email:

Contact No:

Department:

1. Number of Samples:

Kindly Tick whichever is applicable for the following:

2. Identification Required: ☐ Proteomic ☐ Metabolomic ☐ Lipidomic ☐ Intact Mass

3. Analysis required- ☐ Qualitative ☐ Quantitative ☐ Both

4. Details of Analysis required:

a. Sample Description / Matrix:

b. Ionization Mode (ESI/APCI):

c. Expected MW:

Remarks:

5. Whether Sample preparation is required (In case of Proteomics only): ☐ Yes ☐ No

IF YES: ☐ In-gel digestion & Desalting ☐ In-solution digestion & Desalting ☐ Only Desalting

Source of Proteins (specify species/cell line):

Any other:

6. Sample Type: ☐ Solid (Powder, Pellet, Bulk) ☐ Liquid ☐ Dispersion ☐ Emulsion ☐ Colloidal ☐ Gel ☐ Others
(Specify)

7. Sample Category: ☐ Biological (Microorganisms/ Fungal/Bacterial/ Protein/ Plasma/ Serum/ Tissue/
Urine/Cancerous Cells/Non-Cancerous Cells) ☐ Plant Extracts ☐ Marine extracts) ☐ Polymer ☐
Environmental/ Others (Specify)

8. Sample volume/concentration/weight/specify concentration:

9. Solvents required- ☐ ACN ☐ Methanol ☐ 2-Propanol ☐ Chloroform ☐ DCM ☐ Ethylacetate ☐ buffer ☐
water ☐ others(specify)

10. Sample Properties: ☐ Carcinogenic (carcinogenicity level-----) ☐ non-carcinogenic ☐ Radioactive ☐
Explosive ☐ Toxic ☐ Corrosive ☐ Flammable ☐ Non-flammable ☐ Other(specify)

11. Toxicity: ☐ Hazardous ☐ Non-Hazardous

12. Any additional information: