

SLNO.

BOSE INSTITUTE

CENTRAL INSTRUMENT FACILITY

Unified Academic Campus, Salt Lake, Sector- V, Kolkata-91

Request for using MALDI TOF/TOF (Autoflex Speed from Bruker Daltonics)

Name of the User:.....

Department/Institute/Lab:.....

Contact No :

Referred by (Guide/In Charge):.....

No. of Sample.....

Details of samples:

A) 2D spot/Tryptic digest Intact Protein Others

B) Expected Mass range : MS Spectra MS-MS

C) Target plate : CIF Self

D) Choice of Matrix : HCCA SA 2,5-DHB 2,5-DHAP

Note: 1. < 5 kDa Protein/Peptide use HCCA as matrix.

2. 10-150 kDa protein use Sinapinic Acid as Matrix.

3. 2,5-DHB for Phosphopeptide and glycoprotein analysis.

4. 2,5-DHAP is usefull in AnchorChip 600 for 8-100 kDa.

E) Choice of Calibration Standard :

Pep mix II (0.7-3.1kDa) Protein mix I (5.7-16.9 kDa) Protein mix II (23.9-66.5kDa)

Date of Booking..... Date of Execution

Signature of User..... Signature of Guide:

Remarks if any:

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