

Core Facility Proteomics

Gel-based Proteomics

Priority normal high **Internal sample number**.....

Client

Name* email*

Institution*

Address*

Phone, fax*

Cost model*: Inst. Biochemistry

Industry

other:

Sample ^a

Extract other:

No of samples Sample name

Origin*

Sample preparation*

.....
.....

known contaminants* salt

detergents

other:

known modifications*

Radioactivity* no yes

hazardous infectious cancerous

dry soluble in Lysis buffer 0.1% TFA other:

dissolved in Lysis buffer 0.1% TFA other:

Storage* -80°C -20°C 4-8°C RT

* required

^a Detailed information about the sample is a prerequisite for successful analysis. Clients are strongly encouraged to discuss sample preparation with the core facility team: proteomics@biochemie.med.uni-giessen.de

Analysis

Extraction:

- Lysis buffer other:
- Vol.:

Precipitation:

- Acetone Chlorform/Methanol
- Protein determination Concentration

Isoelectric focusing:

- pI 3-10 L (GE;13 cm) pI 3-10 L (GE;18 cm) other:

No of strips: Sample amount:

SDS-PAGE

- Mini Gel 20x20 cm 23.4x19 cm No of gels:

Acrylamide concentration: 10% 12.5% 15%

Markers:

Staining

- Coomassie No of gels:
- Silver No of gels:
- Flamingo No of gels:
- other: No of gels:
- Scanning No of gels:

Blotting

No of gels:

Conditions:

Ponceau Staining

Western Blott

- No of gels:
- Blocking conditions:
- First antibody: Conc.:
- Second antibody: Conc.:
- Detection:
- Scanning

* required

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Proteome analysis

PdQuest No of gels:

MS analysis

No of spots:

proteolytic digest Trypsin other:

MALDI-TOF-MS DHB HCCA other:

peptide mass fingerprint

MASCOT database search for protein identification

MS/MS spectra of selected peptides

MASCOT database search with MS and MS/MS data

ESI-MS

..... h LC gradient

..... % of sample/analysis

Proteome Discoverer data analysis

other:

Aim of analysis:

.....

.....

Results

by phone

by email

by fax

Signature client

Date:

Fax signed form to: 0641-99-47489 or send by email

* required

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