Protein Research

Sample Preparation

Balances

Extraction and fractionation buffers and kits

Proteases and phosphates inhibitors

Protein concentrators, desalting columns and dialysis

- Fisher Scientific
- Fisher BioReagents
- Thermo Scientific
- Life Technologies*
- Brady
- Merck Millipore
- Wheaton
- GE Healthcare
- Sartorius
- Spectrum
- Labconco
- IKA
- Kinematica
- Sonics
- Ohaus

Immunoassays

Antibodies

ELISA kits

- Thermo Scientific
- Life Technologies

DIGE Labelling

- GE Healthcare

Quantitation

Reagent based

Spectrophotometers

- Thermo Scientific
- GE Healthcare
- Bibby Scientific

Labelling

Enzyme labelling

Fluorescent labelling

Isobaric tags

- Thermo Scientific
- Life Technologies*
- GE Healthcare

Bead-Based Flow Cytometry

Calibration beads

Labelling reagents

- Thermo Scientific
- Life Technologies*

Electrophoresis

Gel tanks and accessories

Isoelectrical Focusing reagents and apparatus

Molecular weight markers and ladders

Pre-cast gels

SDS page reagents and apparatus

Thermostatisation systems

- Fisherbrand
- Fisher BioReagents
- Thermo Scientific
- Life Technologies*
- GE Healthcare
- Grant
- Hoefer
- Huber
- Julabo
- Serva

Western Blotting

Antibodies

Buffers Membranes and sandwiches

Detection reagents (chemiluminescent, chromogenic, fluorescent)

Films and cassettes

Imaging equipment

Transfer devices

Western blotting kits and buffers

- Fisherbrand
- Fisher BioReagents
- Thermo Scientific
- Life Technologies*
- Merck Millipore
- GE Healthcare
- Hoefer
- Serva
- UVP

Protein Characterisation

Enrichment

Mass spec

Microplate reader and washer

Protein digestion

- Thermo Scientific
- GE Healthcare
- Biotek

Protein Purification

- Affinity purification
- Antibody purification
- Chromatography Equipment
- Gel filtration media
- GST-tagged purification
- His-tagged purification
- Ion exchange Media
- Prepacked columns
- KingFisher
- Strep-tagged purification

- Thermo Scientific
- Life Technologies*
- Merck Millipore
- GE Healthcare

Protein – Protein Interaction

Co-Immunoprecipitation (Co-IP)

Cross-linking reagents

Protein arrays

Pull-down assays

Yeast two-hybrid assays

- Thermo Scientific
- Life Technologies*
- GE Healthcare

Staining and Detection

Coomassie stains

Fluorescent stains

Gel documentation systems

Slide labelling

Silver stains

- Fisher BioReagents
- Fisher Chemical
- Thermo Scientific
- Life Technologies*
- Brady
- GE Healthcare
- Serva