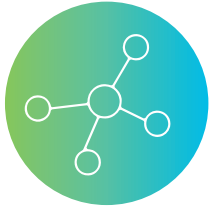


## Proteomics

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### PROTEIN EXPRESSION

- Protein Expression**
  - Ultra-Pure
  - Tightly Controlled
  - Routine
  - Mammalian
- Prokaryotic Cells**
  - PET Vectors for Gateway Cloning
  - Induction Reagents
  - Competent Cells
  - Electroporation
- Transfection**
  - Insect Cells
  - Mammalian Cells
- Antibiotics**

### PROTEIN EXTRACTION

- Lysis and Extraction Enhancement**
  - Protease Inhibitor Cocktails
  - Protease Inhibitors
  - Phosphatase Inhibitor Cocktails
- Prokaryotic, Yeast, Plant & Insect Cells**
- Mammalian Cells**
  - Total Protein Extraction
  - Cytoplasmic/Nuclear Protein Extraction
  - Cytoplasmic/Mitochondrial Protein Extraction
  - Membrane Protein Extraction
  - Sub-Cellular Protein Extraction
- Human Plasma/Serum**
- Detergents**
- Cell Disruption**

### PROTEIN PURIFICATION

- Affinity Purification**
  - His-Tag
  - GST-Tag
  - Strep-Tag
  - Fusion-Tag Removal
  - Protein A and Protein G
  - Coupling Reagents and Kits
- IEX Purification**
  - Anion/Cation Exchange
- Size Exclusion (SEC)**

- Hydrophobic Interaction (HIC)**

- Mixed-Mode**

- Empty Columns**

- Ultrafiltration**

- Spin Devices
  - UF Plates
  - TFF

- Dialysis**

- Ready-to-Use
  - Tubing
  - Tubing Accessories

- Clean-Up**

### PROTEIN ANALYSIS AND DETECTION

- Protein Quantification Assays**

- Electrophoresis**

- Vertical Gel Tanks and Blotting System
  - 2D
  - IEF
  - Power Supplies
  - Pre-Cast Gels
  - Acrylamide
  - Protein Markers
  - Running Buffers
  - Loading Buffers
  - Stains and Dyes

- Western Blotting**

- Blotters
  - Blotting Membranes
  - Blocking, Wash and Transfer Buffers
  - Kits
  - Colorimetric Substrates
  - Fluorescent Labeling and Detection Reagents
  - Chemi-Luminescent Labeling and Detection Reagents
  - Autoradiography Films and Accessories
  - Stripping Buffers

- Mass Spectrometry**

- Sample Preparation
  - Analysis Tools

- Instruments**

- Microplate Readers
  - Washers
  - Dispensers
  - Spectrophotometers