



Proteomics Research Outsourcing Services

Our proteomics research outsourcing services enable in-depth protein profiling, interaction mapping, and biomarker discovery for academic, clinical, and pharmaceutical research using cutting-edge mass spectrometry and bioinformatics.

Our Proteomics Research Capabilities

Our experienced proteomics scientists and MS specialists deliver high-resolution protein identification, quantification, and characterization using state-of-the-art LC-MS/MS platforms and robust bioinformatics pipelines.

Types of Proteomics Research We Handle

- Protein Expression Profiling
- Quantitative Proteomics (Label-Free, SILAC, iTRAQ)
- Post-Translational Modification (PTM) Mapping
- Phosphoproteomics and Glycoproteomics
- Secretome and Membrane Proteome Analysis
- Whole Cell Lysate Proteomics
- Subcellular Fraction Proteomics
- Protein-Protein Interaction Mapping
- Immunoprecipitation-MS (IP-MS)
- Cross-Linking Mass Spectrometry
- Targeted Proteomics (MRM/SRM)
- De Novo Peptide Sequencing
- Peptidomics and Small Protein Analysis
- Biomarker Discovery Studies
- Disease-Specific Proteome Analysis
- Comparative Proteomics
- Differential Expression Studies
- Time-Course Proteomics
- Protein Isoform Identification
- Protein Turnover Studies
- Protein Complex Purification and Analysis
- Mass Spectrometry Imaging (MSI)
- Bioinformatics Analysis and Data Integration

- Protein Functional Annotation
- Protein Network and Pathway Analysis
- Publication-Ready Proteomics Data
- Regulatory-Compliant Proteomics Reports
- Cross-Lab Validation of Proteomic Findings
- Custom Proteomics Research Projects

Key Research Outsourcing Services Offered

- Sample Preparation and Protein Extraction
- In-Solution and In-Gel Digestion
- High-Resolution LC-MS/MS Analysis
- Label-Free and Label-Based Quantitation
- PTM Enrichment and Identification
- Phosphopeptide and Glycopeptide Analysis
- Protein-Protein Interaction Assays
- De Novo Sequencing and Peptidomics
- Secretome Profiling and Exosome Proteomics
- Bioinformatics Analysis and Data Annotation
- Pathway and Network Analysis
- Targeted Proteomics Method Development
- Validation via Western Blot and ELISA
- Confidential Data Handling and NDA
- Interim Reports and Progress Updates
- Publication-Ready Figures and Reports
- Stakeholder Presentation Preparation
- Workshops and Training in Proteomics
- Post-Project Technical Consulting
- IP and Patent Filing Support
- Grant Proposal and Manuscript Assistance
- Sample Archiving and Secure Data Backup
- Compliance with GLP, ISO, GCP Standards
- Cross-Lab Data Validation and Method Transfer
- Collaboration with Clinical Research Units
- Long-Term Proteomics Research Partnerships
- Custom SOP Development for Proteomics
- Regulatory Dossier Preparation for Submissions
- Market-Ready Proteomics Reports

Why Choose Us for Proteomics Research Outsourcing?

Our robust sample processing, precise MS workflows, and deep bioinformatics expertise deliver comprehensive protein data sets that power drug discovery, diagnostics, and disease research.

Industries & Sectors We Serve

- Biopharma and Drug Discovery Firms
- Clinical Diagnostics and Biomarker Labs
- Academic and Translational Research Centers
- Healthcare and Personalized Medicine Institutes
- Regulatory and Quality Assurance Agencies
- Contract Research Organizations (CROs)

Customized Proteomics Solutions

We tailor proteomics pipelines — from sample prep to bioinformatics — to answer your specific research questions, ensuring data accuracy and regulatory compliance.

Quality Assurance & Regulatory Compliance

Our workflows adhere to GLP, ISO, ICH, and clinical research norms to produce validated, traceable, and submission-ready proteomics data.

Case Studies & Client Success Stories

Explore how our proteomics outsourcing has led to biomarker discoveries, therapeutic target validation, and high-impact publications worldwide. References available on request.

How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define biological system, sample type, and project goals.
2. **Proposal & Quotation:** Provide detailed workflow, instrument specs, and cost estimates.
3. **Lab Execution:** Perform MS runs, bioinformatics, and validation assays.
4. **Reporting:** Deliver annotated protein data, statistical analysis, and regulatory-ready reports.
5. **Post-Project Support:** Offer consulting, manuscript prep, and data re-analysis on request.

Frequently Asked Questions (FAQs)

Q: Do you handle clinical proteomics samples?

A: Yes — we process clinical biofluids, tissues, and cells with strict biosafety and confidentiality.

Q: Can you perform PTM-specific studies?

A: Absolutely — we enrich and characterize phosphorylation, glycosylation, acetylation, and more.

Q: How secure is patient or proprietary sample data?

A: We maintain strict NDAs, secure data servers, and full IP confidentiality.

Get Started / Request a Quote

Contact us today to discuss your proteomics project and receive a custom plan, timeline, and cost estimate aligned with your research or clinical goals.

Contact Us

Email: research-outsourcing@nthrys.com

Phone: +91-8977624748