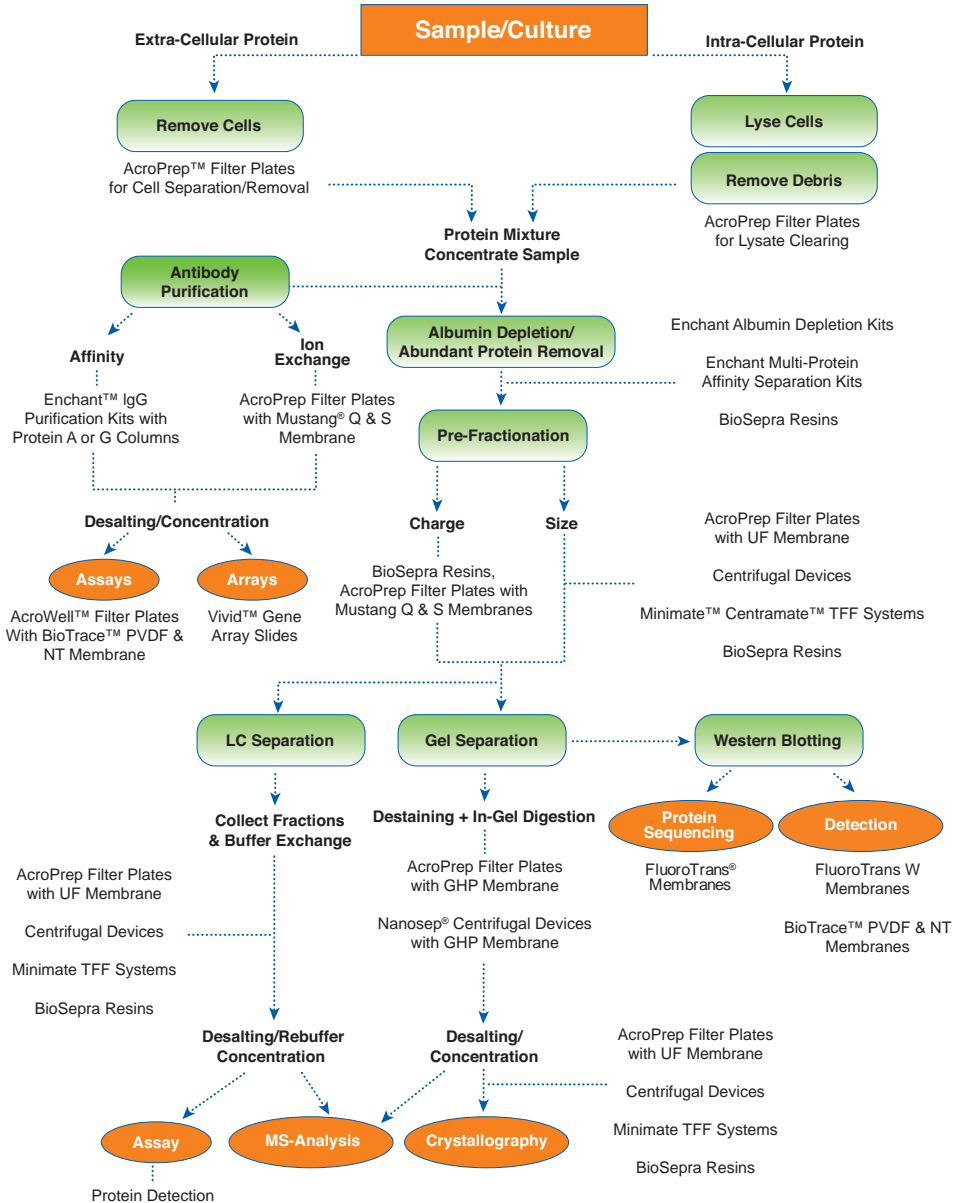


Proteomics Process Flow Chart



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Application Guide

Chromatography Products	Sample Preparation				
	Abundant Protein Removal	Protein Fractionation	Protein Concentration	Protein Desalting	Buffer Exchange
Ultrogel® ACA, Trisacryl® GF Size Exclusion Chromatography Resins		•		•	•
Ceramic HyperD® Ion Exchange Chromatography Resins		•			
Trisacryl, HyperD, HyperCel™ Affinity Chromatography Resins	•	•			
SDR HyperD Solvent-Detergent Removal Resins					
MEP HyperCel Hydrophobic Charge Induction Chromatography Resins		•			
Mustang® Ion Exchange Membrane Devices		•			
Omega™ Ultrafiltration Membrane for Size Exclusion		•	•	•	•
Multi-Well Filter Plates					
AcroPrep™ Plates with Hydrophilic Filtration Membranes	•	•		•	•
AcroPrep Plates with Ion Exchange Membranes	†	•†		†	†
AcroPrep Plates with Prefilters					
AcroPrep Plates with Ultrafiltration Membranes for Size Exclusion		•	•	•	•
AcroPrep Plates with Glass Fiber					
AcroWell™ Plates with Binding Membranes					
Centrifugal Devices/Spin Filters					
Microfiltration (MF) Centrifugal Devices	•	•		•†	
Ultrafiltration (UF) Centrifugal Devices	†	•†	•	•	•

† In combination with appropriate chromatography resin.

Sample Preparation				Optimization			Sample Detection		
Detergent and Impurity Removal	Filtration, Clarification, and Lysate Clearing	Protein Purification by Traditional Chromatography	Purification of Tagged Proteins	Scouting	Process Proteomics	Scale-Up	Western Blotting	Immunoassays	Covalent Protein Binding
		•		•	•	•			
		•		•	•	•			
		•	•	•	•	•			
•		•		•	•	•			
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	•								
							•	•	•
•	•	•		•	•				
•†		†		†	†				

†In combination with appropriate chromatography resin.

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Application Guide (continued)

	Sample Preparation				
	Abundant Protein Removal	Protein Fractionation	Protein Concentration	Protein Desalting	Buffer Exchange
Protein Purification Kits					
Enchant™ Kit for Albumin Depletion	•				
Enchant Kits for IgG Purification	•	•			
Enchant Multi-Protein Affinity Separation Kit	•	•			
Tangential Flow Filtration Products					
Minimate™ TFF Capsules		•	•	•	•
Ultrasette™ Lab TFF Devices		•	•	•	•
LV Centramate™ Lab TFF Systems		•	•	•	•
Centramate Lab TFF Systems		•	•	•	•
Prefiltration/Clarification					
Acrodisc® Syringe Filters with Prefilters					
VacuCap® Vacuum Filtration Devices					
Detection Products					
Vivid™ Gene Array Slides					
FluoroTrans® PVDF Membranes					
BioTrace™ PVDF Membrane					
BioTrace NT Nitrocellulose Membrane					
UltraBind™ Affinity Membrane					
Immunodyne® ABC Membrane					
Arrays					
Protein Chip System Based on Arrays					
Vivid Gene Array Slides					

† In combination with appropriate chromatography resin.

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Notes