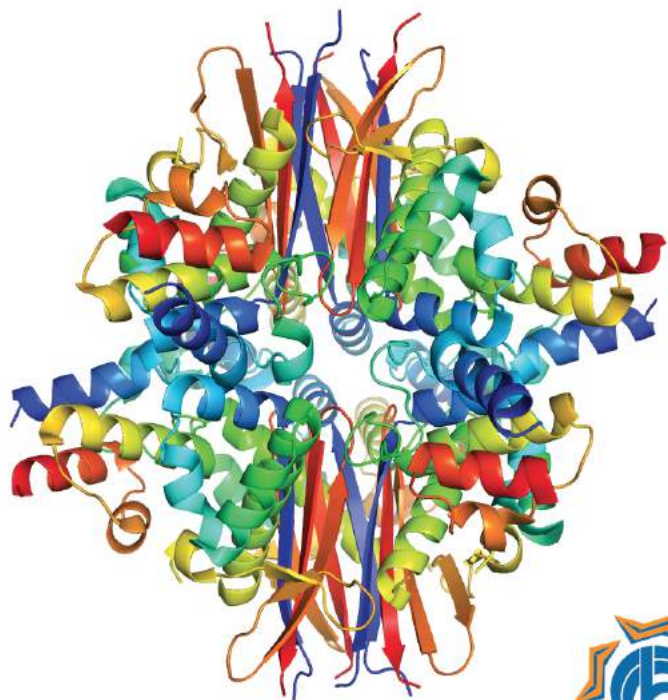




# PROTEIN PURIFICATION

## and analysis tools



- Sample Preparation
- Protease Inhibitors
- High Resolution Resolve Gel™
- Electrophoresis Reagents
- Blotting and Blocking Reagents
- Western Detection Systems



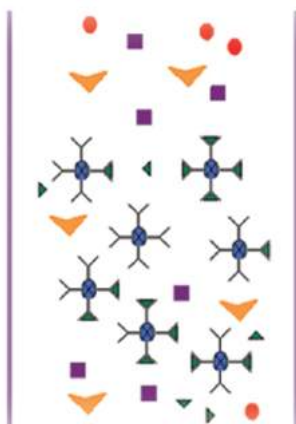
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Affinity-based chromatography of recombinant and native proteins

*prepacked 1mL columns (onePASS™) to 50L sizes*

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# PROTEIN ANALYSIS

## PROTEIN SAMPLE PREPARATION

CHAPS Lysis Buffer (2x) 22050008  
HEPES, Protein Extraction Buffer (5x) (40820016)  
Nuclear and Cytoplasmic Protein Extraction Kit (10760017)  
RIPA Protein Extraction Buffer (41820002)  
Sodium Deoxycholate, 10% Solution (40430018)

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Bestatin Protease Inhibitor (21520003)  
Protease Inhibitor Cocktail I (22020002)  
Protease Inhibitor Cocktail II (22020006)  
Protease Inhibitor Cocktail III (Animal Free for mammalian cells) (22020008)  
Protease Inhibitor Cocktail IV for Fungal and Yeast Extracts (22020010)  
Protease Inhibitor Cocktail V (animal free EDTA Free) (22020011)  
Protease Inhibitor Cocktail VI (for plant cell extracts) (22020013)  
Protease Inhibitor Cocktail VII for HIS-Tag® Proteins (22020014)

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bioTRAP Serum Abundant Protein Removal Kit (21340000)  
Blue Separopore® 6B-CL (for Albumin Removal) (20182016)

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Protein Max™-Low Abundant Protein Precipitation Kit (22040055)  
Q-Con™ Rapid Protein Concentrators, 5mL Spin Columns (22040062)

## ELECTROPHORESIS

Ready Gels:  
Resolve Gel™ 7.5% (20840045)  
Resolve Gel™ 10% (20840046)  
Resolve Gel™ 12% (20840047)  
Resolve Gel™ 4-15% Mini Precast Gel (20840049)  
Resolve Gel™ 4-20% (20840050)

---

BCA Protein Assay Kit (20831001)  
Laemmli SDS-Sample Buffer (6X), Reducing (10570021)  
LDS (Lithium Dodecyl Sulfate), Sample Buffer (4X) (21470020)  
Tricine-SDS Sample Buffer, Reducing (2X) (21420020)

---

MES-SDS Running Buffer (20X) (21420036)  
MOPS-SDS Running Buffer (20X) (10530007)  
Tris-Glycine (TG) Running Buffer concentrate (10X) (10530031)  
Tris-Glycine-SDS (TGS) Running Buffer concentrate (10X) (21420023)

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Coomassive blue G-250/R 250 (2x) (40340000/40340004)  
Crack-free: Gel Drying Kit (10550018)  
FASTsilver™ Kit (21340004)  
Glycoprotein Staining Kit (21340001)  
Nile Red Rapid Protein Stain (21770037)  
Ponceau-S Staining Solution (41640009)



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## BLOTTING & BLOCKING

CAPS Transfer Buffer (10X) (20960009)  
Nitrocellulose 85mm Transfer Membrane  
0.45u (50/PK) (43030012)  
Rapid Transfer Buffer (10X) (10230000)  
Transfer or Electro-blotting buffer, pH 8.5  
(10X) (42020336)

BetterBlocker™ Universal Blocking  
Solution (10x) (20960011)  
BSA Blocking Buffer in PBS (with azide)  
(1x) (21420070)  
BSA Blocking Buffer in PBS with Tween 20  
(2x) (21420072)  
BSA Blocking Buffer in PBS (10x)  
(40220006)  
BSA 5% in PBST (with azide) (40120157)  
Casein-Blocking Buffer in TBS (21420076)  
NFDM Diluent/Blocking Buffer (20960003)  
Non-Mammalian Protein Blocking Solution  
(41420001)

10% BSA in PBS (21420068)  
BSA, 30% Solution (40220060)  
BSA (Bovine Serum Albumin) Crystallized  
(22070004)  
NFDM (Non-Fat Dry Milk Powder)  
(30620074)

## WESTERN DETECTION

Anti-DYKDDDDK (FLAG) Tag (FG4R),  
Monoclonal Ab (20311007)  
Anti-HA Tag (HA.C5/C10), Monoclonal Ab  
(20311003)  
Anti-GFP Tag (GF28R), Monoclonal Ab  
(20311008)  
Anti-Myc Tag (Myc.A7/M19), Monoclonal  
Ab (20311006)  
Anti-GFP-Tag, Polyclonal Ab (20312020)  
Anti-HAS (Human Serum Albumin) IgG,  
Rabbit (Polyclonal) (20312707)  
Anti-myc-Tag, Polyclonal Ab (20312021)  
Donkey Anti-Goat IgG (H&L) (HRP)  
(20330033)  
Goat Anti-Rabbit IgG Fc (HRP) (20330084)  
Goat Anti-Rabbit IgG H&L (HRP)  
(20330085)  
Goat Anti-Mouse IgG H&L (HRP)  
(20330083)  
Goat Anti-Human IgG H&L (HRP)  
(20330077)

Intensive Chemiluminescence (ICL) kit for  
Western Blots (20330072)  
TMB1™ (One Component HRP Substrate  
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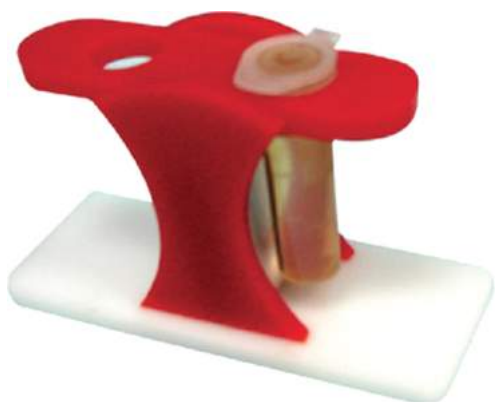
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High resolution ready gels, fit most electro-  
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*(Available with different buffer systems and  
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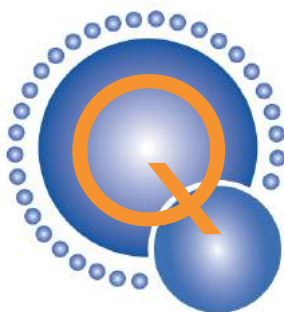
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Protein G-MagneZoom™ (20162005)

Goat Anti-Rabbit IgG MagneZoom™

Goat Anti-Mouse IgG MagneZoom™

Red Protein A (ViewIP™) Separopore®

Red Protein G (ViewIP™) Separopore®



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