

Immunodepletion Kits for Plasma Protein Analysis

ProteoPrep® 20 Plasma Immunodepletion Kit


The ProteoPrep 20 Plasma Immunodepletion Kit specifically removes 20 of the most abundant proteins from human plasma or serum in preparation for further proteomics analysis. This depletion enables deeper penetration into the plasma proteome whether you use one- or two-dimensional electrophoresis, single or multidimensional chromatography or go straight to mass spectrometry. This is based on a unique conjugation process using small recombinant immunoaffinity ligands and conventional antibodies that permits high density conjugation on the support. The ligand selection ensures optimal specificity. Typical depletions remove 97-98% of the total protein mass in human plasma or serum.

Features and Benefits

- **Increase your ability to visualize low abundance proteins and biomarkers** – Removal of >99% of twenty of the most abundant proteins allows up to 50-fold increased protein loads, enhancing opportunities to visualize low abundance proteins
- **Unique antibody affinity media** – Novel high density antibody media displays higher specificity, reducing contamination and significantly improving depletion capacity compared to any currently available products
- **Convenient spin-column format** – *Fast depletion and recovery accelerates throughput and validation* making this the preferred choice for all proteomics labs

Components

ProteoPrep® 20 Immunodepletion Column
 ProteoPrep®20 Equilibration Buffer
 ProteoPrep® 20 Elution Solution
 ProteoPrep® Preservative Concentrate
 Luer lock syringe
 Luer-Lock Caps
 Ultrafree-MC microcentrifuge filters (Sigma M0286)
 Collection Tubes

✕  R: 36/37/38-43 S: 26-36/37  2-8°C

PROT20-1KT


1 kit

ProteoPrep® Immunoaffinity Albumin & IgG Depletion Kit

The ProteoPrep® Immunoaffinity Albumin and IgG Depletion Kit has been designed to specifically remove albumin and IgG from human serum (25-50 µl) in preparation of samples for proteomics analysis, two-dimensional electrophoresis (2DE) or liquid chromatography (LC). The ProteoPrep Immunoaffinity medium in the prepacked spin columns is a mixture of two beaded mediums containing recombinantly expressed, small single-chain antibody ligands, resulting in low non-specific binding and high capacity. This kit is also effective in depleting albumin and IgG from mouse and guinea pig serum.

Features and Benefits

- High Capacity removes more interfering abundant proteins
- High Specificity ensures you see an accurate and more complete proteome
- Buffer systems are compatible with 2 dimensional electrophoresis so there are no intermediate time consuming steps that might result in protein loss



✕  R: 22-36/37/38-40-51/53-63 S: 26-36/37-61 

PROTIA-1KT

1 kit

ProteoPrep® Blue Albumin & IgG Depletion Kit

ProteoPrep Blue Albumin Depletion Kit is designed to specifically remove albumin and IgG from 25 samples of human serum (25 µl to 100 µl) in preparation for two-dimensional electrophoresis (2DE). Albumin-depleted serum samples generated by this kit are in urea rather than salt-based buffers with little dilution, eliminating the need to precipitate the sample prior to performing 2DE.

✕  R: 10-22-36/37/38-40-51/53-63 S: 26-36/37-61 

PROTBA-1KT

1 kit



Depletion Kits for Plasma Protein Analysis