10320 Camino Santa Fe, Suite G
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HUMAN ALBUMIN (BULK ORDER)

Catalog # ASR3578

Specification

HUMAN ALBUMIN (BULK ORDER) - Product Information

Description	**HUMAN ALBUMIN (BULK ORDER)**
Conjugate	**Unconjugated**
Physical State	**Lyophilized**
Host Isotype	**Albumin**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Species of Origin	**Human**
Reconstitution Volume	**2.5 mL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Stabilizer	**None**
Preservative	**0.01% (w/v) Sodium Azide**

HUMAN ALBUMIN (BULK ORDER) - Additional Information

Shipping Condition
Ambient

Purity
This product was prepared from normal serum by a multi-step process which includes delipidation and selective precipitation followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Albumin and anti-Human Serum.

Storage Condition
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

HUMAN ALBUMIN (BULK ORDER) - Protein Information

HUMAN ALBUMIN (BULK ORDER) - Protocols

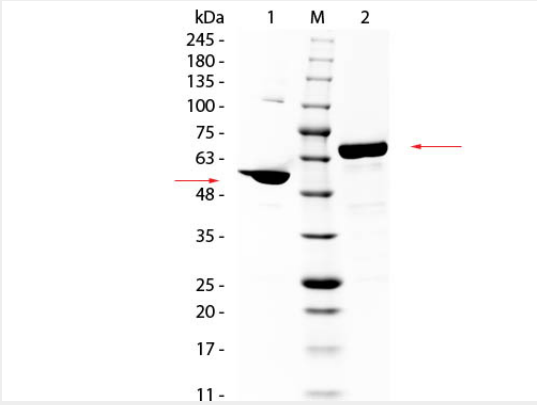
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HUMAN ALBUMIN (BULK ORDER) - Images



SDS PAGE of Human Albumin. Lane 1: Non-Reduced Human Albumin. Lane 2: 5 µL Opal Prestained Marker . Lane 3: Reduced Human Albumin. Load: 1 µg per lane. Predicted/Observed size: Non-Reduced at 63 kDa/Observed at 55 kDa; Reduced at 63 kDa. Non-reduced migrates farther on gel due to native albumin's capacity to bind ions, increasing its charge and ,therefore, ability to migrate farther down gel.

HUMAN ALBUMIN (BULK ORDER) - Background

Human albumin or serum albumin is encoded by the ALB gene and is the most abundant plasma protein in mammals. Human albumin is essential for maintaining the osmotic pressure needed for proper distribution of body fluids between intravascular compartments and body tissues. Human albumin also acts as a plasma carrier by non-specifically binding several hydrophobic steroid hormones and as a transport protein for hemin and fatty acids. Too much serum albumin in the body can be harmful.