10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Human Albumin Peroxidase

Catalog # ASR1280

## Product Information

| | |
|---|---|
| **Description** | HUMAN ALBUMIN Peroxidase conjugated |
| **Conjugate** | Peroxidase (Horseradish) |
| **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** | 1.0 mL |
| **Reconstitution Buffer** | Restore with deionized water (or equivalent) |
| **Stabilizer** | 10 mg/ml Polyethylene Glycol (PEG-8000) |
| **Preservative** | 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide! |

## Additional Information

| | |
|---|---|
| **Shipping Condition** | Ambient |
| **Application Note** | Human Albumin whole molecule can be utilized as a control or standard reagent in Western Blotting and ELISA experiments. Specific condtions should be optimized by user. |
| **Purity** | HUMAN ALBUMIN Peroxidase conjugated was prepared from normal serum by a multi-step process including selective precipitaition and tandem chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, 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. |

## Background

Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. It is soluble and monomeric. Albumin transports hormones, fatty acids, and other compounds, buffers pH, and maintains osmotic pressure, among other functions. Human Albumin is ideal for investigators involved in serum protein component research.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.