

Product datasheet for **RA110HRP**

Albumin Human Protein

Product data:

Product Type:	Native Proteins
Description:	Albumin human protein, 1 mg
Species:	Human
Protein Source:	Serum
Concentration:	lot specific
Purity:	This product was prepared from normal serum by a multi-step process including selective precipitation and tandem chromatography followed by extensive dialysis against the buffer stated above.
Conjugation:	HRP
Buffer:	State: Lyophilized purified Ig fraction. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml Polyethylene Glycol (PEG-8000) as stabilizer and 0.01% (w/v) Gentamicin Sulfate as preservative. Label: Horseradish Peroxidase (HRP) Presentation Label: HRP
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Preparation:	Lyophilized purified Ig fraction.
Applications:	Suitable for immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Human Albumin and anti-Human Serum.
Protein Description:	Peroxidase Conjugated Human Albumin.
Note:	Do not use Sodium Azide as preservative.
Storage:	Store (undiluted) at 2-8°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.



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Stability:	Shelf life: one year from despatch. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
RefSeq:	NP_000468
Locus ID:	213
Cytogenetics:	4q13.3
Synonyms:	ALB, BSA, HSA, Serum Albumin
Summary:	This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]
Protein Families:	Suitable for immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Human Albumin and anti-Human Serum.