

## Product datasheet for RA110TR

### 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 extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum.
Conjugation:	Texas Red
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) Sodium Azide as preservative Presentation Label: Texas Red
Preparation:	Lyophilized purified Ig fraction.
Applications:	Suitable for use in Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays.
Note:	Label: Texas Red <sup>TM</sup> Sulfonyl Chloride (Molecular Weight 625 daltons) Absorption Wavelength: 596 nm Emission Wavelength: 620 nm Fluorochrome/Protein Ratio: 3.9 moles Texas Red <sup>TM</sup> per mole of Human Serum Albumin.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
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:	<a href="#">NP_000468</a>
Locus ID:	213



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<b>Cytogenetics:</b>	4q13.3
<b>Synonyms:</b>	FDAHT; HSA; PRO0883; PRO0903; PRO1341
<b>Summary:</b>	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]
<b>Protein Families:</b>	Secreted Protein