Albumin (Human) ELISA Kit

Catalog # KA0454 Size 1 Kit

Specification

Product Description	Albumin (Human) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of human albumin.
Suitable Sample	Plasma, Serum
Sample Volume	25 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.391 to 100 ug/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — ALB

Entrez GeneID	213
Gene Name	ALB
Gene Alias	DKFZp779N1935, PRO0883, PRO0903, PRO1341

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Gene Description	albumin
Omim ID	103600 194470
Gene Ontology	Hyperlink
Gene Summary	Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. [provided by RefSeq
Other Designations	cell growth inhibiting protein 42|growth-inhibiting protein 20|serum albumin

Publication Reference

- Cerebrospinal fluid fetuin-A is a biomarker of active multiple sclerosis.

  Harris VK, Donelan N, Yan QJ, Clark K, Touray A, Rammal M, Sadiq SA.

  Multiple Sclerosis Journal 2013 Oct; 19(11):1462.

  Application: ELISA, Human, Plasma, CSF

- Resuscitation from hemorrhagic shock with MalPEG-albumin: comparison with MalPEG-hemoglobin.

  Wettstein R, Cabrales P, Erni D, Tsai AG, Winslow RM, Intaglietta M.

  Shock 2004 Oct; 22(4):351.

- Effects of growth hormone administration on inflammatory and other cardiovascular risk markers in men with growth hormone deficiency. A randomized, controlled clinical trial.

  Sesmilo G, Biller BM, Llevadot J, Hayden D, Hanson G, Rifai N, Klibanski A.

  Annals of Internal Medicine 2000 Jul; 133(2):111.

- Albumin substitution improves urinary sodium excretion and diuresis in patients with liver cirrhosis and refractory ascites.

  Schindler C, Ramadori G.

  Journal of Hepatology 1999 Dec; 31(6):1132.

  Application: Quant, Human, Human serum

Disease

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- Alzheimer disease
- Diabetes Mellitus
- Hepatitis

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