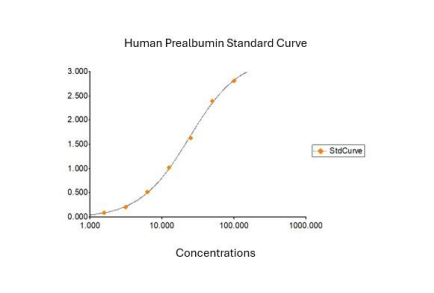
Prealbumin (Human) ELISA Kit (Quantitative)

Catalog # KA7431 Size 1 Kit

Applications



Quantification

The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Prealbumin (Human) ELISA Kit is a kit used for the quantitative measurement of Prealbumin in huma n biological sample.
Suitable Sample	Plasma, Serum
Size	96 Well
Absorbance (nm)	450/650
Detection Method	Colorimetric
Assay type	Quantitative
Calibration Range	3.125 to 100 ng/mL
Limit of Detection	0.415 ng/mL
Host	Goat
Reactivity	Human
Regulation Status	For research use only (RUO)

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Quality Control Testing	Standard curve
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

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Gene Info — TTR

Entrez GeneID	7276
Gene Name	TTR
Gene Alias	HsT2651, PALB, TBPA
Gene Description	transthyretin
Omim ID	176300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transthyretin and orosomucoid. Transthyretin is a carrier protein; it transports thyroid hormones in the plasma and cerebrospinal fluid, and also transports retinol (vitamin A) in the plasma. The protein consists of a tetramer of identical subunits. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral nerve and/or the heart, and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc. [provided by RefSeq
Other Designations	prealbumin, amyloidosis type I|thyroxine-binding prealbumin

Disease

- Alzheimer disease
- Amyloid Neuropathies
- Amyloidosis

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- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Heart Diseases
- Kidney Failure
- Schizophrenia

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