9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Prealbumin Human

Transthyretin Human
RCP1701

Product Overview

Name	Prealbumin Human
Description	
Transthyretin Human	
Accession (Primary)	P02766
Synonyms	
TTHY, TTR, ATTR, TBPA, Transthyretin, Prealbumin, PALB, HsT2651 TTHY, TTR, ATTR, TBPA, Transthyretin, Prealbumin, PALB, HsT2651.	
Introduction	
Prealbumin is a thyroid hormone-binding protein that transports thyroxine from the bloodstream to the brain. Prealbumin is a carrier protein which transports thyroid hormones in the plasma and cerebrospinal fluid, and also transports retinol (vitamin A) in the plasma. Transthyretin consists of a tetramer of identical subunits and is dominantly produced in the liver. Mutations in Prealbumin are related to amyloid deposition, affecting predominantly peripheral nerve and/or the heart. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, and carpal tunnel syndrome. Prealbumin is an indicator of protein-energy malnutrition since it has a circulating half life of 2 days and reacts swiftly to changes in nutritional status.	
Source	
Human serum.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein was lyophilized (0.2 µm filtered) from 20mM NH 4 HCO 3.	
Stability	
Prealbumin Human although stable at room temperature for 3 weeks, should be stored between 2-8°C.	
Purity	
Greater than 96.0%.	
Solubility	
It is recommended to reconstitute the lyophilized Prealbumin Human in phosphate buffer pH > 7 containing 0.15M	

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NaCl.

Human Virus Test

Starting material donor has been tested and certified negative for antibodies to HIV-1, HIV-2, HCV, HBSAG, Parvovirus B19, Syphilis and HIV/HBV/HCV (PCR).

Precautions

Prealbumin Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02766)