

## TTR

### Native Human Transthyretin (Prealbumin)

<b>Catalog No.</b>	CRP141A CRP141B	<b>Quantity:</b>	1 mg 10 mg
<b>Alternate Names:</b>	Transthyretin, ATTR, Prealbumin, Thyroxin-binding prealbumin, TBPA		
<b>Description:</b>	Transthyretin (TTR) is a serum and cerebrospinal fluid carrier of the thyroid hormone thyroxine (T4) and retinol. This is how transthyretin gained its name, transports thyroxine and retinol. Transthyretin was originally called prealbumin because it ran faster than albumins on gel electrophoresis.		
<b>Uniprot ID:</b>	P02766		
<b>Gene ID:</b>	7276		
<b>Source:</b>	Human Plasma		
<b>Molecular Weight:</b>	55.0 kDa		
<b>Formulation:</b>	Lyophilized from 0.02 M ammonium bicarbonate May contain traces of buffer salts.		
<b>Purity:</b>	≥70% by SDS-PAGE, major band corresponds to the prealbumin subunit. Dimer and tetramer may be observed.		
<b>Prealbumin Content:</b>	Determined by Dimension™ Clinical Chemistry System		
<b>Reconstitution:</b>	<b>Centrifuge the vial to ensure complete recovery of product.</b> Reconstitute directly into the vial using phosphate buffer, pH >7.0 containing 0.15 M NaCl		
<b>Storage &amp; Stability:</b>	Store unopened vial for at least 1 year at 2-8°C.		
<b>Certification:</b>	Non-Infectious Disease Certification: Non-reactive for HIV-1/HCV/HBV by NAT; HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

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