

Prealbumin, 21-147aa, Human, E.coli

Cat.NO.: TP03516

3th Edition

Synonyms:TTR, Transthyretin, TBPA, ATTR, PALB

Description:Prealbumin, also known Transthyretin, is a tetrameric human plasma protein that is synthesized mainly in the liver. This protein transports the thyroid hormone thyroxine (T4) and retinol (Vitamin A). It is the best indicator of protein-energy malnutrition because it has a circulating half life of 2 days and responds rapidly to changes in nutritional status.

Form:Liquid. In Phosphate-Buffered Saline (pH 7.4) containing 10% Glycerol

Molecular Weight:13.8 kDa (128aa)

Sequences:

MGPTGTGESKCPMLMKVLDVAVRGSPAINVAVHVFRKAADDTWEPFASGKTSESGELHGLTTEEEFVEGIYKVEIDT
KSYWKALGISPFHEHAEEVFTANDSGPRRYTIAALLSPYSYSTTAVVTNPKE

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.