

# Polyclonal Antibodies

## Goat Anti-Human Pre-Albumin, Whole Serum



Product Code : 00-ABD-MM-PLB-001

Prealbumin is a protein that is mainly produced by the liver. It is a transport protein for thyroid hormones and exists in the circulation as a retinol-binding-prealbumin complex. Low prealbumin scores means, that one most likely requires a nutritional assessment. Prealbumin helps carry thyroid hormones and vitamin A through one's bloodstream. It also helps regulate the use of body energy. If your prealbumin levels are lower than normal, it may be a sign of malnutrition. Low prealbumin scores may also be a sign of liver disease, inflammation, or tissue death (tissue necrosis). High prealbumin scores may be a sign of long-term (chronic) kidney disease, Hodgkin disease, steroid use, or alcoholism. Anti-human prealbumin can be used to diagnose if one is getting enough nutrients, especially protein, in ones diet. It can also help diagnose certain infections and chronic diseases.

## Specifications:

### PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial Immunodiffusion)

Shelf life

Buffer details\*

Total Protein (Biuret Method)

Cholesterol (CHOD

Enzymatic method)

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

### ACCEPTANCE CRITERIA

Goat

Human Pre albumin

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles.

≥ 2.0 mg/ml

3 years

20mM Tris (pH 7.4 ± 0.2), 250 mMNaCl, 15 mM, NaN<sub>3</sub>

50 to 140 mg/ml

≤ 50 mg/dl

Monospecific to Prealbumin when reacted with pooled human plasma & 2X normal human serum

Monospecific when reacted with normal human serum

7.0 to 8.0

2 to 8°C

\*Buffer composition can be customised as per the customer requirements. Product can be further customised as per the specific requirements.

For research use or further manufacturing purposes only

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