

Polyclonal Antibodies

Goat Anti-Human Transferrin, Whole Serum



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

Transferrin is a blood-plasma glycoprotein, which plays a crucial role in iron metabolism and is responsible for ferric-ion delivery. It is synthesised in the liver. Transferrin functions as the most critical ferric pool in the body. It transports iron, via blood to various tissues such as the liver, spleen, and bone marrow. Anti-human transferrin is used to directly measure the level of iron in the blood and the body's ability to transport iron in the blood. The tests help diagnose chronic iron overload or deficiency.

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 Transferrin

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles.

≥ 5.0 mg/ml

3 years

Tris Saline with 15mM, NaN₃, pH 7.4 ± 0.2

60 to 160 mg/ml

≤ 50 mg/dl

Monospecific to Transferrin 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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