

Transferrin

catalog number: T8199-05

Size	List Price	Your Price	Add to Cart
1ml	195.00	register for pricing	+ Add +
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Transferrin is a single polypeptide chain glycoprotein and is a member of the iron binding family of proteins. It has a molecular weight of 79.5kD and a serum concentration range of 1800D2700mg/L. It is synthesized in the liver and consists of two domains each having a high affinity reversible binding site for Fe³⁺. The iron is transported in blood and interstitial fluids to sites of use and disposal. Iron/transferrin is essential in hemoglobin synthesis and for certain types of cell division. Serum concentration rises in iron deficiency and pregnancy and falls in iron overload, infection and inflammatory conditions.

Applications:

Suitable for use in ELISA, Immunohistochemistry.

Recommended Dilution:**ELISA:**

1:5000-20,000

Immunohistochemistry:

1:10 - 1:500

Product Type:

Pab

Host:

sheep

Source:

human

Concentration:

~50u/ml

Form:

Supplied as a liquid in PBS, pH 7.2, 0.1% sodium azide.

Purity:

Delipidated and crossadsorbed antisera, purified by ammonium sulfate precipitation.

Immunogen:

Human transferrin

Specificity:

Recognizes human Transferrin: 100%. Monospecific by immunoelectrophoresis when tested against normal human plasma and 2X concentrated normal human serum. Minimal crossreactivity with related serum proteins. May crossreact with transferrin from other species.

Important Note:

This product is intended for research use only, not for use in human, therapeutic or diagnostic applications.