

# Product Datasheet

## Transferrin Native Protein NBP1-97069

Unit Size: 1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97069**

## Transferrin Native Protein

Product Information	
Unit Size	1 mg
Concentration	Lyoph
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water.
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/ml Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>Native Human Transferrin</p> <p>Source: Normal serum (Accession #:Q06AH7)</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC \NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.</p>
Gene ID	7018
Gene Symbol	TF
Species	Human
Preparation Method	This product was prepared from normal serum by a multi-step process including selective precipitation and tandem chromatography followed by extensive dialysis against the buffer stated above. Human Transferrin Peroxidase conjugated was assayed by immunoelectrophoresis and resulted in a single precipitin arc against anti-Peroxidase, anti-Human Transferrin and anti-Human Serum.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:5000, ELISA 1:4000 - 1:10000, Immunohistochemistry 1:200 - 1:2000, Dot Blot 1:100 - 1:2000



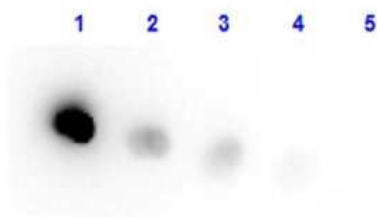
**Application Notes**

This product has been tested in dot blot and is a suitable protein for use as a control reagent in both Western Blotting and ELISA experiments.

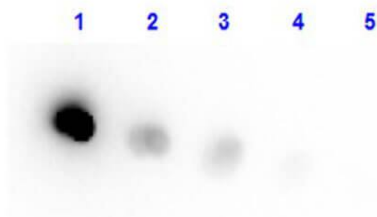
NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).

**Images**

Dot Blot: Transferrin Native Protein [NBP1-97069] - Dot Blot result of Human Transferrin Peroxidase conjugate. Dots are Human Transferrin HRP at (1) 100 ng, (2) 33.3 ng, (3) 11.1 ng, (4) 3.70 ng, (5) 1.23 ng. Block for 60 min at RT. Primary Antibody: none. Secondary Antibody: none. Imaged with BioRad ChemiDoc, Chemi filter.



Dot Blot result of Transferrin Native Protein. Dots are Human Transferrin HRP at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. blocking for 60 min at RT. Primary Antibody: none. Secondary Antibody: none. Imaged with BioRad ChemiDoc, Chemi filter.





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### **Products Related to NBP1-97069**

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NBP1-96990	Transferrin Native Protein
236-EG-200	EGF [Unconjugated]
NB500-418	Transferrin Antibody (HTF-14) - BSA Free
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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