

Datasheet for ABIN964546  
**Transferrin Protein (TF) (HRP)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	1 mg
Target:	Transferrin (TF)
Origin:	Human
Host:	Please inquire
Protein Type:	Native
Purification tag / Conjugate:	This Transferrin protein is labelled with HRP.
Application:	Western Blotting (WB), ELISA

## Product Details

Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Transferrin

## Target Details

Target:	Transferrin (TF)
Alternative Name:	Transferrin ( <a href="#">TF Products</a> )
Background:	<p>Human Transferrin is a blood plasma glycoprotein which binds iron and regulates the amount of available iron in circulation. Human Transferrin has a high affinity for iron, but this binding is reversible. Human Transferrin has a molecular weight of approximately 80kDa. Human Transferrin also plays a role in the immune system, creating environments low in iron for which many pathogenic bacteria are unable to thrive. Horseradish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for</p>

## Target Details

plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs).

Synonyms: TFQTL1, PRO1557, PRO2086, DKFZp781D0156, HRP, Horseradish peroxidase

Gene ID: 7018

UniProt: [Q06AH7](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

Application Notes: Human Transferrin is a suitable protein for use as a control reagent in both Western Blotting and ELISA experiments.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

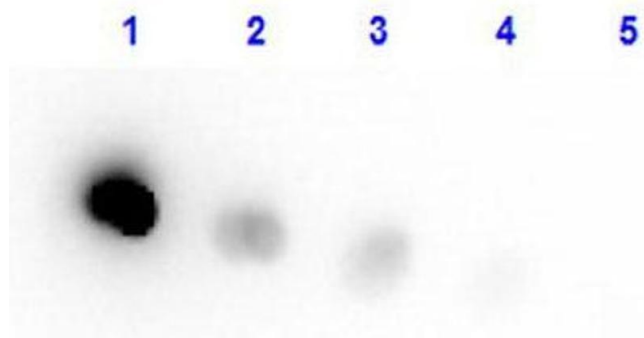
Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Gentamicin sulfate

Handling Advice: Do NOT add Sodium Azide!

Storage: 4 °C

**Dot Blot**

**Image 1.** Dot Blot result of Human Transferrin Peroxidase conjugate. Dots are Human Transferrin HRP at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: ABIN925618 for 60 min at RT. Primary Antibody: none. Secondary Antibody: none. Imaged with BioRad ChemiDoc, Chemi filter.