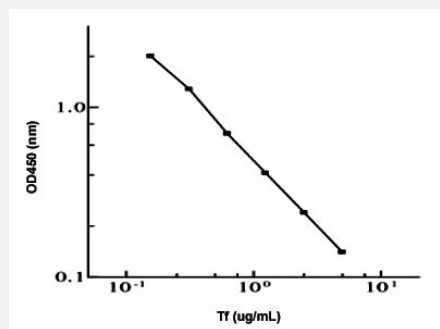


# Tf (Rat) ELISA Kit

Catalog # KA1847      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

<b>Product Description</b>	Tf (Rat) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of rat Tf.
<b>Suitable Sample</b>	Plasma, Serum
<b>Sample Volume</b>	25 uL
<b>Label</b>	Peroxidase-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	0.156 to 5 ug/mL
<b>Limit of Detection</b>	0.1 ug/mL
<b>Reactivity</b>	Rat
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store components of the kit at 4°C or -20°C as described in the protocol.

## Applications

- Quantification

## Gene Info — Tf

**Entrez GeneID** [24825](#)

**Gene Name** Tf

**Gene Alias** MGC93500, Tfn, Trf

**Gene Description** transferrin

**Gene Ontology** [Hyperlink](#)

**Other Designations** -

## Publication Reference

- [Mechanistic study of regulation of iron homeostasis by N. sativa seeds and P. ovata husks on high fat/high sucrose diet induced non-alcoholic fatty liver disease.](#)

Afshan Syed Abbas, Tasleem Akhtar, Najma Shaheen, Sumaira Aslam, Nadeem Sheikh.

Molecular Biology Reports 2022 Jun; 49(8):7417.

Application: Quant, Rat, Rat serum

- [Iron-loaded transferrin \(Tf\) is detrimental whereas iron-free Tf confers protection against brain ischemia by modifying blood Tf saturation and subsequent neuronal damage.](#)

DeGregorio-Rocasolano N, Marti-Sistac O, Ponce J, Castello-Ruiz M, Millan M, Guirao V, Garcia-Yebenes I, Salom JB, Ramos-Cabrer P, Alborch E, Lizasoain I, Castillo J, Davalos A, Gasull T.

Redox Biology 2018 May; 15:143.

Application: Quant, Human, Serum from stroke patients