

Human Transferrin ELISA Kit | TF elisa kit

Human Transferrin ELISA Kit

CATALOG #
AAA83366

REACTIVITY
Human

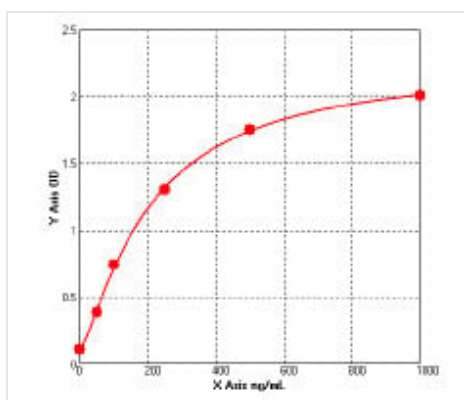
PRODUCT SYNONYMS

Transferrin; Human Transferrin ELISA Kit; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TF elisa kit

Intended Uses: This TF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TF. This ELISA kit for research use only!

Principle of the Assay: TF ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TF antibody and an TF-HRP conjugate. The assay sample and buffer are incubated together with TF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TF concentration since TF from samples and TF-HRP conjugate compete for the anti-TF antibody binding site. Since the number of sites is limited, as more sites are occupied by TF from the sample, fewer sites are left to bind TF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TF elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	248648
NCBI GeneID	7018
Molecular Weight	77,064 Da
NCBI Official Full Name	transferrin
NCBI Official Synonym Full Names	transferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TFQTL1; PRO1557; PRO2086
NCBI Protein Information	serotransferrin; siderophilin; beta-1 metal-binding globulin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	PRO1400; Transferrin
UniProt Entry Name	TRFE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tf-human-elisa-kits/transferrin/83366>