

Porcine Transferrin ELISA Kit | TF elisa kit

Porcine Transferrin ELISA Kit

CATALOG #
AAA89381

REACTIVITY
Porcine

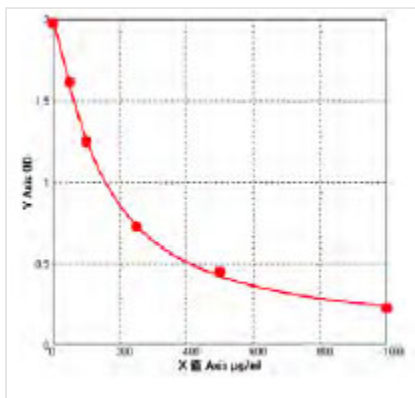
PRODUCT SYNONYMS

Transferrin; Porcine Transferrin ELISA Kit; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of TFE. No significant cross-reactivity or interference between TFE and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TFE and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/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 TFE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TFE. This ELISA kit for research use only! Principle of the Assay: TFE ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TFE antibody and an TFE-HRP conjugate. The assay sample and buffer are incubated together with TFE-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 TFE concentration since TFE from samples and TFE-HRP conjugate compete for the anti-TFE antibody binding site. Since the number of sites is limited, as more sites are occupied by TFE from the sample, fewer sites are left to bind TFE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFE 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.