

Canine Transferrin ELISA Kit | TF elisa kit

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CATALOG #
AAA88611

REACTIVITY
Canine

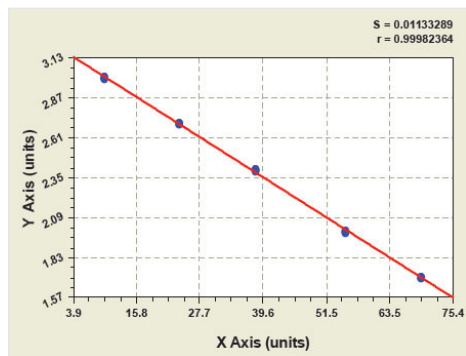
PRODUCT SYNONYMS

Transferrin; Canine Transferrin ELISA Kit; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This TF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TF elisa kit

Principle of the assay: TF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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.

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Online datasheet: <https://www.aaabiotech.com/tf-canine-elisa-kits/transferrin/88611>