

Rat transferrin ELISA Kit | TF elisa kit

Rat Transferrin, TF ELISA Kit

CATALOG #
AAA80122

REACTIVITY
Rat

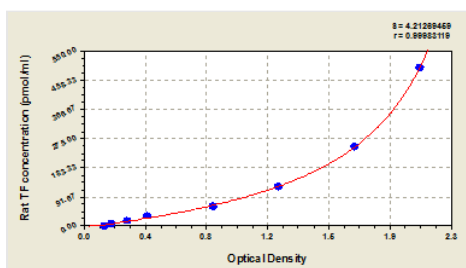
PRODUCT SYNONYMS

transferrin; Rat Transferrin; TF ELISA Kit; Rat Transferrin (TF) ELISA Kit; DKFZp781D0156; PRO1557; PRO2086; ; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TF. No significant cross-reactivity or interference between rat TF and analogues was observed.
Sequence Length	694
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	7.8 pmol/ml-500 pmol/ml
Sensitivity	< 1.95 pmol/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TF elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TF bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156119356
NCBI GeneID	100009267
NCBI Accession #	NP_001095164.1
NCBI GenBank Nucleotide #	NM_001101694.1
UniProt Accession #	P19134; O46514
Molecular Weight	76,670 Da
NCBI Official Full Name	serotransferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TRF
NCBI Protein Information	serotransferrin; siderophilin; liver transferrin; beta-1 metal-binding globulin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
UniProt Entry Name	TRFE_RABIT

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://stage.aaabiotech.com/tf-rat-elisa-kits/transferrin/80122>