

Rat Transferrin receptor protein 1 ELISA Kit | Tfrc elisa kit

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CATALOG #
AAA190936

REACTIVITY
Rat

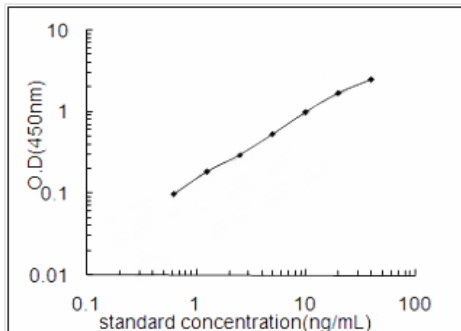
PRODUCT SYNONYMS

Transferrin receptor protein 1; Rat Transferrin receptor protein 1 ELISA Kit; TR; TfR; TfR1; Trfr; Tfrc; CD71; Tfrc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat TfR. No significant cross-reactivity or interference was observed.
Sequence Length	622
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.62 ng/mL -40.0 ng/mL
Sensitivity	0.31 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tfrc elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat TfR concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TfR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TfR and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain TfR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of TfR in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140355
NCBI GeneID	64678
UniProt Accession #	Q99376
Molecular Weight	70,153 Da
NCBI Official Full Name	Transferrin receptor protein 1
NCBI Official Synonym Full Names	transferrin receptor
NCBI Official Symbol	Tfrc
NCBI Official Synonym Symbols	Trfr
NCBI Protein Information	transferrin receptor protein 1
UniProt Protein Name	Transferrin receptor protein 1
UniProt Gene Name	Tfrc
UniProt Synonym Gene Names	Trfr; TR; TfR; TfR1; Trfr
UniProt Entry Name	TFR1_RAT

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/tfrc-rat-elisa-kits/transferrin-receptor-protein-1/190936>