

Sheep Transferrin Receptor Protein 2 ELISA Kit | TFR2 elisa kit

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CATALOG #
AAA92677

REACTIVITY
Sheep

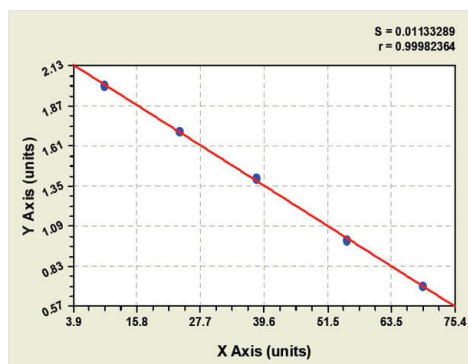
PRODUCT SYNONYMS

Transferrin Receptor Protein 2; Sheep Transferrin Receptor Protein 2 ELISA Kit; TFR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This TFR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TFR2. 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 TFR2 elisa kit

Principle of the Assay: TFR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TFR2 antibody and an TFR2-HRP conjugate. The assay sample and buffer are incubated together with TFR2-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 TFR2 concentration since TFR2 from samples and TFR2-HRP conjugate compete for the anti-TFR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TFR2 from the sample, fewer sites are left to bind TFR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFR2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TFR2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	332309171
NCBI GeneID	7036
NCBI Accession #	NP_001193784.1
NCBI GenBank Nucleotide #	NM_001206855.1
Molecular Weight	86,012 Da
NCBI Official Full Name	transferrin receptor protein 2 isoform 2
NCBI Official Synonym Full Names	transferrin receptor 2
NCBI Official Symbol	TFR2
NCBI Official Synonym Symbols	HFE3; TFRC2
NCBI Protein Information	transferrin receptor protein 2
UniProt Protein Name	Transferrin receptor protein 2
UniProt Gene Name	TFR2
UniProt Synonym Gene Names	TfR2
UniProt Entry Name	TFR2_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://stage.aaabiotech.com/tfr2-sheep-elisa-kits/transferrin-receptor-protein-2/92677>