

Mouse TGF-beta receptor type-2 ELISA Kit | Tgfbr2 elisa kit

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CATALOG #
AAA194199

REACTIVITY
Mouse

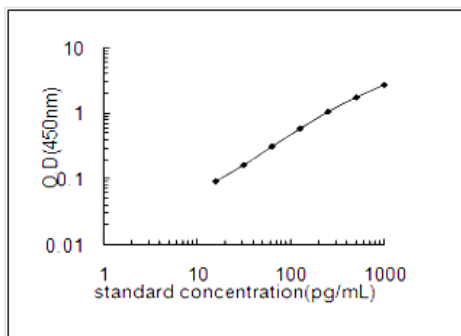
PRODUCT SYNONYMS

TGF-beta receptor type-2; Mouse TGF-beta receptor type-2 ELISA Kit; TGFR-2; TGF-beta type II receptor; Transforming growth factor-beta receptor type II; TGF-beta receptor type II; TbetaR-II; Tgfbr2; 2.7.11.30; Tgfbr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse TGFR-2. No significant cross-reactivity or interference was observed.
Sequence Length	592
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	15.6 pg/mL -1000 pg/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 Tgfbr2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse TGF-beta receptor type-2, TGFR-2 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 TGFR-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TGFR-2 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 TGFR-2, 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 TGFR-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239787881
NCBI GeneID	21813
NCBI Accession #	NP_033397.3
NCBI GenBank Nucleotide #	NM_009371.3
UniProt Accession #	Q62312; Q63947
Molecular Weight	64,219 Da
NCBI Official Full Name	TGF-beta receptor type-2 isoform 1
NCBI Official Synonym Full Names	transforming growth factor, beta receptor II
NCBI Official Symbol	Tgfb2
NCBI Official Synonym Symbols	DNIIR; RIIDN; TBR-II; AU042018; TbetaRII; TbetaR-II; 1110020H15Rik
NCBI Protein Information	TGF-beta receptor type-2
UniProt Protein Name	TGF-beta receptor type-2
UniProt Gene Name	Tgfb2
UniProt Synonym Gene Names	TGFR-2; TGF-beta receptor type II; TbetaR-II
UniProt Entry Name	TGFR2_MOUSE

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/tgfb2-mouse-elisa-kits/tgf-beta-receptor-type-2/194199>