

Mouse TGF-beta receptor type-1 ELISA Kit | Tgfr1 elisa kit

Mouse TGF-beta receptor type-1 ELISA Kit

CATALOG #
AAA193389

REACTIVITY
Mouse

PRODUCT SYNONYMS

TGF-beta receptor type-1; Mouse TGF-beta receptor type-1 ELISA Kit; TGFR-1; ESK2; Transforming growth factor-beta receptor type I; TGF-beta receptor type I; TbetaR-I; Tgfr1; 2.7.11.30; Tgfr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	499
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Tgfr1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	918410268
NCBI GeneID	21812
NCBI Accession #	NP_001299797.1
NCBI GenBank Nucleotide #	NM_001312868.1
UniProt Accession #	Q64729; A2AJN0
Molecular Weight	55,790 Da
NCBI Official Full Name	TGF-beta receptor type-1 isoform 2
NCBI Official Synonym Full Names	transforming growth factor, beta receptor I
NCBI Official Symbol	Tgfr1
NCBI Official Synonym Symbols	ALK5; ESK2; Alk-5; TGFR-1; TbetaR-I; AU017191; TbetaR-I
NCBI Protein Information	TGF-beta receptor type-1

UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	Tgfb1
UniProt Synonym Gene Names	TGFR-1; TGF-beta receptor type I; TbetaR-I
UniProt Entry Name	TGFR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/tgfb1-mouse-elisa-kits/tgf-beta-receptor-type-1/193389>