

Human TGF-beta receptor type-1, TGFBR1 ELISA Kit | TGFBR1 elisa kit

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CATALOG #
AAA43752

REACTIVITY
Human

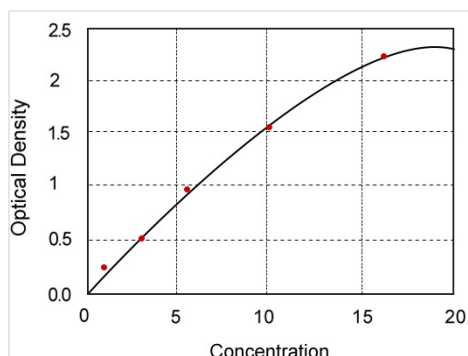
PRODUCT SYNONYMS

TGF-beta receptor type-1; TGFBR1; Human TGF-beta receptor type-1; TGFBR1 ELISA Kit; TGFBR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	426
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.07ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFBR1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human TGF-beta Receptor Type-1 (also known as TGFBR1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TGFBR1 antibody. TGFBR1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TGFBR1 Antibody is added and binds to TGFBR1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGFBR1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TGFBR1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195963412
NCBI GeneID	7046
NCBI Accession #	NP_001124388.1
NCBI GenBank Nucleotide #	NM_001130916.2
UniProt Accession #	P36897; Q6IR47; Q706C0; Q706C1
Molecular Weight	56,348 Da
NCBI Official Full Name	TGF-beta receptor type-1 isoform 2
NCBI Official Synonym Full Names	transforming growth factor beta receptor 1
NCBI Official Symbol	TGFBR1
NCBI Official Synonym Symbols	AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBRI; ALK-5; LDS1A; LDS2A; TBR-i; TGFR-1; ACVRLK4; tbetaR-I
NCBI Protein Information	TGF-beta receptor type-1
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	TGFBR1
UniProt Synonym Gene Names	ALK5; SKR4; TGFR-1; ALK-5; ALK5; SKR4; TGF-beta receptor type I; TbetaR-I

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/human-elisa-kits/tgf-beta-receptor-type-1-tgfr1/43752>