

Rat TGFR1 (TGF-beta receptor type-1) ELISA Kit | TGFR1 elisa kit

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CATALOG #
AAA248574

REACTIVITY
Rat

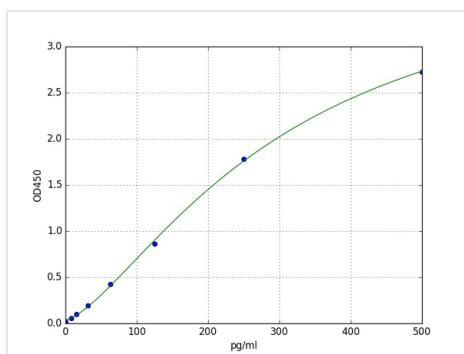
PRODUCT SYNONYMS

TGFR1 (TGF-beta receptor type-1); Rat TGFR1 (TGF-beta receptor type-1) ELISA Kit; TGFR1; AAT5; ALK5; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1; ACVRLK4; Transforming growth factor-beta receptor type I; TGF-beta receptor type I; TbetaR-I; TGF-beta type I receptor; Serine; threonine-protein kinase receptor R4; Activin A receptor type II-like protein kinase of 53kD; Activin receptor-like kinase 5; ALK-5ALK5; tbetaR-I; transforming growth factor beta receptor I; TGFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	501
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFR1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TGFR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TGFR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TGFR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TGFR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	417220
NCBI GeneID	29591
UniProt Accession #	P80204
Molecular Weight	56,000 Da
NCBI Official Full Name	TGF-beta receptor type-1
NCBI Official Synonym Full Names	transforming growth factor, beta receptor 1
NCBI Official Symbol	Tgfr1
NCBI Official Synonym Symbols	Alk5; Skr4; Tgfr-1; tbetaR-I
NCBI Protein Information	TGF-beta receptor type-1
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	Tgfr1
UniProt Synonym Gene Names	TGFR-1; 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/rat-elisa-kits/tgfr1-tgf-beta-receptor-type-1/248574>