

Mouse Transforming Growth Factor Beta Receptor I (TGFbR1) RTU ELISA Kit | TGFbR1 rtu elisa kit

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CATALOG # AAA218740	REACTIVITY Mouse
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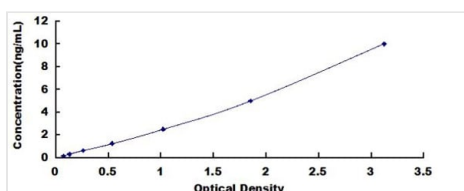
PRODUCT SYNONYMS

Transforming Growth Factor Beta Receptor I (TGFbR1); Mouse Transforming Growth Factor Beta Receptor I (TGFbR1) ELISA Kit; ACVRLK4; AAT5; ALK5; SKR4; TGFR-1; Activin A Receptor Type II-Like Kinase 53kDa; Activin receptor-like kinase 5; Serine/threonine-protein kinase receptor R4; TGFbR1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	499
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFbR1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TGFbR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TGFbR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TGFbR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TGFbR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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; TbetaRI; AU017191; 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; 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/mouse-rtu-elisa-kits/transforming-growth-factor-beta-receptor-i-tgfr1/218740>