

Human Transforming growth factor beta receptor type 3 ELISA Kit | TGFBR3 elisa kit

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CATALOG #
AAA193672

REACTIVITY
Human

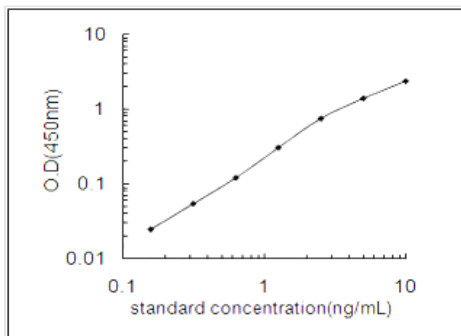
PRODUCT SYNONYMS

Transforming growth factor beta receptor type 3; Human Transforming growth factor beta receptor type 3 ELISA Kit; TGF-beta receptor type 3; TGFR-3; Betaglycan; Transforming growth factor beta receptor III; TGF-beta receptor type III; TGFBR3; TGFBR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human TGF-beta receptor type 3. No significant cross-reactivity or interference was observed.
Sequence Length	850
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.084 ng/mL
Intra-Assay CV	<=8.1%
Inter-Assay CV	<=10.2%
Recovery	98%
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 TGFBR3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human TGF-beta receptor type 3 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 TGF-beta receptor type 3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TGF-beta receptor type 3 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 TGF-beta receptor type 3, 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 +/- 2 nm. The concentration of TGF-beta receptor type 3 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 #	307574691
NCBI GeneID	7049
NCBI Accession #	NP_001182612.1
NCBI GenBank Nucleotide #	NM_001195683.1
UniProt Accession #	Q03167; Q5T2T4; Q5U731; Q9UGI2; A0AUW8; A8K5N0; B9EG88
Molecular Weight	93,428 Da
NCBI Official Full Name	transforming growth factor beta receptor type 3 isoform b
NCBI Official Synonym Full Names	transforming growth factor beta receptor III
NCBI Official Symbol	TGFBR3
NCBI Official Synonym Symbols	BGCAN; betaglycan
NCBI Protein Information	transforming growth factor beta receptor type 3
UniProt Protein Name	Transforming growth factor beta receptor type 3
UniProt Gene Name	TGFBR3
UniProt Synonym Gene Names	TGF-beta receptor type 3; TGFR-3; TGF-beta receptor type III
UniProt Entry Name	TGBR3_HUMAN

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.