

Mouse transforming growth factor, beta receptor III ELISA Kit | TGFBR3 elisa kit

Mouse Transforming growth factor beta receptor type 3, TGFBR3 ELISA Kit

CATALOG #
AAA18225

REACTIVITY
Mouse

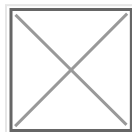
PRODUCT SYNONYMS

transforming growth factor; beta receptor III; Mouse Transforming growth factor beta receptor type 3; TGFBR3 ELISA Kit; Mouse Transforming growth factor beta receptor type 3 (TGFBR3) ELISA kit; BGCAN; betaglycan; betaglycan proteoglycan; TGFBR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TGFBR3. No significant cross-reactivity or interference between mouse TGFBR3 and analogues was observed.
Sequence Length	850
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFBR3 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGFBR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFBR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGFBR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TGFBR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47271511
NCBI GeneID	21814
NCBI Accession #	NP_035708.2
NCBI GenBank Nucleotide #	NM_011578.3
UniProt Accession #	O88393; Q6NS72
Molecular Weight	93,829 Da
NCBI Official Full Name	transforming growth factor beta receptor type 3
NCBI Official Synonym Full Names	transforming growth factor, beta receptor III
NCBI Official Symbol	Tgfr3
NCBI Official Synonym Symbols	TBRIII; AU015626; AW215636; 1110036H20Rik
NCBI Protein Information	transforming growth factor beta receptor type 3; TGFR-3; betaglycan; TGF-beta receptor type 3; TGF-beta receptor type III
UniProt Protein Name	Transforming growth factor beta receptor type 3
UniProt Gene Name	Tgfr3
UniProt Synonym Gene Names	TGF-beta receptor type 3; TGFR-3; TGF-beta receptor type III
UniProt Entry Name	TGBR3_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.

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Online datasheet: <https://stage.aaabiotech.com/tgfr3-mouse-elisa-kits/transforming-growth-factor-beta-receptor-iii/18225>