

Human Transforming Growth Factor beta Receptor Type 3 (TGFB β R3) ELISA Kit | TGFB β R3 elisa kit

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CATALOG #
AAA330727

REACTIVITY
Human

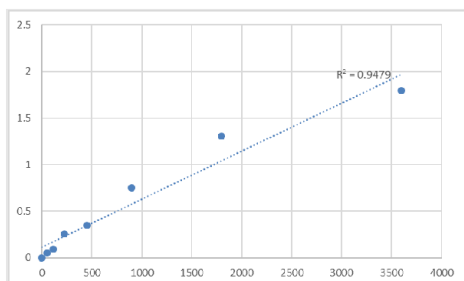
PRODUCT SYNONYMS

Transforming Growth Factor beta Receptor Type 3 (TGFB β R3); Human Transforming Growth Factor beta Receptor Type 3 (TGFB β R3) ELISA Kit; TGFB β R3; BGCAN; betaglycan; betaglycan proteoglycan; TGFB β R3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transforming growth factor beta receptor type 3 (TGFB β R3) ELISA Kit has high sensitivity and excellent specificity for detection of Human TGFB β R3. No significant cross-reactivity or interference between Human TGFB β R3 and analogues was observed.
Sequence Length	850
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transforming growth factor beta receptor type 3 (TGFB β R3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TGFBR3 elisa kit	Description: This Human Transforming growth factor beta receptor type 3 (TGFB3) ELISA Kit employs a two-site sandwich ELISA to quantitate TGFB3 in samples. An antibody specific for TGFB3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFB3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGFB3 is added to the wells. After washing, Streptavidin 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 TGFB3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This locus encodes the transforming growth factor (TGF)-beta type III receptor. Transforming growth factor beta receptor type 3 (TGFB3) is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFB3, which may inhibit TGFB signaling. Decreased expression of TGFB3 has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for TGFB3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	307574634
NCBI GeneID	7049
NCBI Accession #	NP_001182613.1
NCBI GenBank Nucleotide #	NP_001182613.1
UniProt Accession #	Q03167
NCBI Official Full Name	transforming growth factor beta receptor type 3 isoform b
NCBI Official Synonym Full Names	transforming growth factor beta receptor 3
NCBI Official Symbol	TGFB3
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	TGFB3
UniProt Synonym Gene Names	TGF-beta receptor type 3; TGFR-3
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transforming-growth-factor-beta-receptor-type-3-tgfb3/330727>