

Human transforming growth factor beta receptor 2 (TGF-betaR2) ELISA Kit | TGF-betaR2 elisa kit

Human transforming growth factor beta receptor 2, TGF-betaR2 ELISA Kit

CATALOG # AAA80154	REACTIVITY Human
------------------------------	----------------------------

PRODUCT SYNONYMS

transforming growth factor beta receptor 2 (TGF-betaR2); Human transforming growth factor beta receptor 2; TGF-betaR2 ELISA Kit; Human transforming growth factor beta receptor 2 (TGF-betaR2) ELISA kit; AAT3; FAA3; LDS1B; LDS2B; MFS2; RIIC; TAAD2; TGFR-2; TGFbeta-RII; TGF-beta receptor type IIB; TGF-beta type II receptor; transforming growth factor beta receptor type IIC; transforming growth factor; b; TGF-betaR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TGF-betaR2. No significant cross-reactivity or interference between human TGF-betaR2 and analogues was observed.
Sequence Length	592
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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.

ADDITIONAL INFORMATION

Related Product Information for TGF-betaR2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGF-betaR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGF-betaR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGF-betaR2 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 TGF-betaR2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782326
NCBI GeneID	7048
NCBI Accession #	NP_001020018.1
NCBI GenBank Nucleotide #	NM_001024847.2

UniProt Accession #	P37173 ; Q15580 ; Q6DKT6 ; Q99474 ; B4DTV5
Molecular Weight	64,568 Da
NCBI Official Full Name	TGF-beta receptor type-2 isoform A
NCBI Official Synonym Full Names	transforming growth factor beta receptor 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TGFR-2; TGFbeta-RII
NCBI Protein Information	TGF-beta receptor type-2
UniProt Protein Name	TGF-beta receptor type-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGFR-2; TGF-beta receptor type II; TbetaR-II
UniProt Entry Name	TGFR2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/transforming-growth-factor-beta-receptor-2-tgf-beta2/80154>