

Mouse transforming growth factor, beta 1 ELISA Kit | TGFB1 elisa kit

Mouse Transforming Growth factor beta1, TGF-beta1 ELISA Kit

CATALOG #
AAA80453

REACTIVITY
Mouse

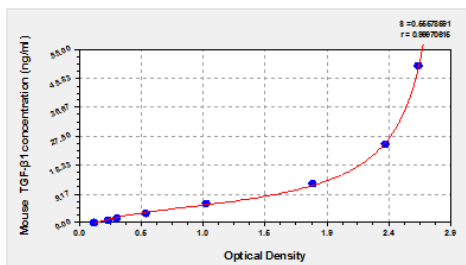
PRODUCT SYNONYMS

transforming growth factor; beta 1; Mouse Transforming Growth factor beta1; TGF-beta1 ELISA Kit; TGF-beta1 ELISA kit; CED; DPD1; LAP; TGFB; TGFbeta; TGF-beta 1 protein; latency-associated peptide; TGFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TGF-beta1. No significant cross-reactivity or interference between mouse TGF-beta1 and analogues was observed.
Sequence Length	390
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and cell culture supernates
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.2 ng/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 TGFB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGF-beta1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGF-beta1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGF-beta1 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-beta1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755775
NCBI GeneID	21803
NCBI Accession #	NP_035707.1
NCBI GenBank Nucleotide #	NM_011577.1
UniProt Accession #	P04202
Molecular Weight	44,310 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Synonym Full Names	transforming growth factor, beta 1
NCBI Official Symbol	Tgfb1
NCBI Official Synonym Symbols	Tgfb; Tgfb-1; TGFbeta1; TGF-beta1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta 1; TGF-beta-1; regulatory protein; transforming growth factor-beta 1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	Tgfb1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_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/tgfb1-mouse-elisa-kits/transforming-growth-factor-beta-1/80453>