

Mouse Transforming Growth Factor Beta 2 (TGFb2) RTU ELISA Kit | TGFb2 rtu elisa kit

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CATALOG #
AAA218725

REACTIVITY
Mouse

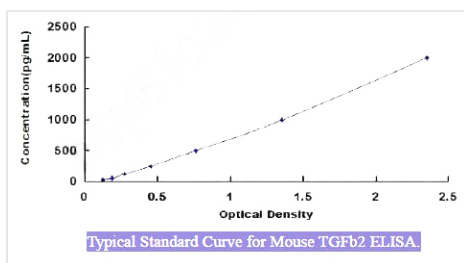
PRODUCT SYNONYMS

Transforming Growth Factor Beta 2 (TGFb2); Mouse Transforming Growth Factor Beta 2 (TGFb2) ELISA Kit; TGF-B2; TGF-Beta2; G-TSF; LAP; Cetermin; Polyergin; Latency-associated peptide; BSC-1 cell growth inhibitor; Glioblastoma-derived T-cell suppressor factor; TGFb2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TGFb2. No significant cross-reactivity or interference between TGFb2 and analogues was observed.
Sequence Length	414
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	< 13.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TGFb2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TGFb2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFb2 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TGFb2 in mouse serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TGFb2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TGFb2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TGFb2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TGFb2 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 #	166706905
NCBI GeneID	21808
NCBI Accession #	NP_033393.2
NCBI GenBank Nucleotide #	NM_009367.4
UniProt Accession #	P27090; Q91VP5
Molecular Weight	47,589 Da
NCBI Official Full Name	transforming growth factor beta-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	Tgfb2
NCBI Official Synonym Symbols	Tgfb-2; BB105277; Tgf-beta2
NCBI Protein Information	transforming growth factor beta-2
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	Tgfb2
UniProt Synonym Gene Names	TGF-beta-2; LAP

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/mouse-rtu-elisa-kits/transforming-growth-factor-beta-2-tgfb2/218725>