

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

Monkey Transforming Growth Factor Beta 2 (TGFb2) ELISA Kit

CATALOG #
AAA66633

REACTIVITY
Rhesus monkey

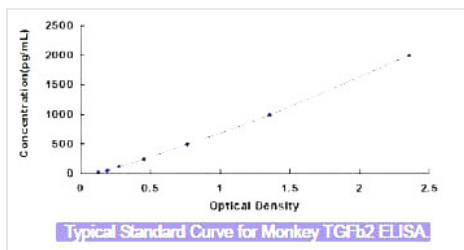
PRODUCT SYNONYMS

Transforming Growth Factor Beta 2 (TGFb2); Monkey 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rhesus monkey
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	442
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	14.7pg/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 kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFb2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TGFb2 in monkey serum, plasma and 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 #	966921570
NCBI GeneID	707540
NCBI Accession #	XP_014970470.1
NCBI GenBank Nucleotide #	XP_014970470.1
UniProt Accession #	F6ZJX4
Molecular Weight	50,573 Da
NCBI Official Full Name	transforming growth factor beta-2 isoform X1
NCBI Official Symbol	TGFB2
NCBI Protein Information	transforming growth factor beta-2
UniProt Protein Name	Uncharacterized protein
UniProt Gene Name	TGFB2

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/monkey-rhesus-monkey-elisa-kits/transforming-growth-factor-beta-2-tgfb2/66633>