

Rat TGF-beta2 ELISA Kit | TGF-beta2 elisa kit

Rat TGF-beta2 (Transforming Growth Factor Beta 2) ELISA Kit

CATALOG #
AAA163892

REACTIVITY
Rat

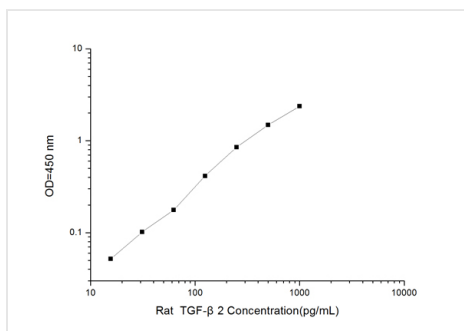
PRODUCT SYNONYMS

TGF-beta2; Rat TGF-beta2 (Transforming Growth Factor Beta 2) ELISA Kit; TGF-beta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat TGF-beta2. No significant cross-reactivity or interference between Rat TGF-beta2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat TGF-beta2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	442
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TGF-beta2 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat TGF-beta2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat TGF-beta2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat TGF-beta2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat TGF-beta2. You can calculate the concentration of Rat TGF-beta2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208022653
NCBI GeneID	7042
NCBI Accession #	NP_001129071.1
NCBI GenBank Nucleotide #	NM_001135599.2
UniProt Accession #	P61812; P08112; Q15579; Q15581; Q4VAV9; B4DKC5
Molecular Weight	50,573 Da
NCBI Official Full Name	transforming growth factor beta-2 isoform 1
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	LDS4; TGF-beta2
NCBI Protein Information	transforming growth factor beta-2; BSC-1 cell growth inhibitor; G-TSF; cetermin; glioblastoma-derived T-cell suppressor factor; polyergin; prepro-transforming growth factor beta-2
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGF-beta-2; G-TSF; LAP
UniProt Entry Name	TGFB2_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.