

Rat Transforming Growth factor beta, TGF-beta ELISA Kit | TGF-beta elisa kit

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CATALOG #
AAA41132

REACTIVITY
Rat

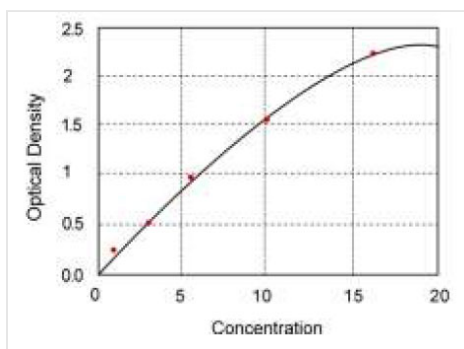
PRODUCT SYNONYMS

Transforming Growth factor beta; TGF-beta; Rat Transforming Growth factor beta; TGF-beta ELISA Kit; TGF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	112
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.21ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TGFB antibody. TGFB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TGFB Antibody is added and binds to TGFB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGFB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat TGFB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Transforming Growth factor Beta (also known as TGFB) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339558
NCBI GeneID	7040
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor-beta, partial
NCBI Official Synonym Full Names	transforming growth factor beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; TGFbeta
NCBI Protein Information	transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGFB; TGF-beta-1; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/transforming-growth-factor-beta-tgf-beta/41132>