

Rat Transforming Growth Factor Beta 1 (TGFb1) ELISA Kit | TGFb1 elisa kit

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CATALOG #
AAA121234

REACTIVITY
Rat

PRODUCT SYNONYMS

Transforming Growth Factor Beta 1 (TGFb1); Rat Transforming Growth Factor Beta 1 (TGFb1) ELISA Kit; TGFb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	59
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	8.12ng/L - 2000ng/L
Sensitivity	4.38ng/L
Intra-Assay	CV<8%
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 TGFb1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Transforming Growth Factor Beta 1 (also known as TGF-B1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TGF-B1 antibody. TGF-B1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TGF-B1 Antibody is added and binds to TGF-B1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGF-B1 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 TGF-B1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45602840
NCBI GeneID	7040
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor beta 1, 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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/transforming-growth-factor-beta-1-tgfb1/121234>