

Cat Transforming Growth factor beta1, TGF-beta1 ELISA Kit | TGF-beta1 elisa kit

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CATALOG #
AAA123250

REACTIVITY
Cat

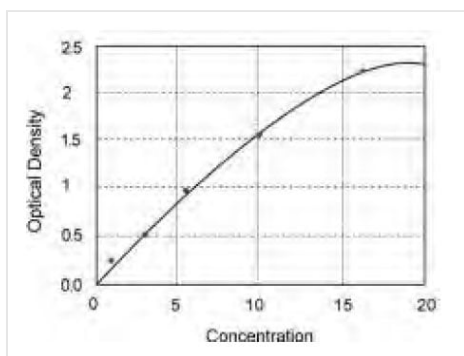
PRODUCT SYNONYMS

Transforming Growth factor beta1; TGF-beta1; Cat Transforming Growth factor beta1; TGF-beta1 ELISA Kit; TGF-beta1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Sequence Length	390
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1000ng/L
Sensitivity	3.13ng/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-beta1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Cat TGFB1 antibody. TGFB1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Cat TGFB1 Antibody is added and binds to TGFB1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGFB1 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 Cat TGFB1. 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 Cat Transforming Growth factor Beta 1 (also known as TGFB1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126352651
NCBI GeneID	100033900
NCBI GenBank Nucleotide #	NP_001075318.1
UniProt Accession #	O19011
NCBI Official Full Name	transforming growth factor beta-1 proprotein
NCBI Official Synonym Full Names	transforming growth factor beta 1
NCBI Official Symbol	TGFB1
NCBI Protein Information	transforming growth factor beta-1 proprotein; transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	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/cat-elisa-kits/transforming-growth-factor-beta1-tgf-beta1/123250>