

Canine Transforming Growth Factor beta (TGF-beta) ELISA Kit | TGF-beta elisa kit

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CATALOG #
AAA122360

REACTIVITY
Canine

PRODUCT SYNONYMS

Transforming Growth Factor beta (TGF-beta); Canine Transforming Growth Factor beta (TGF-beta) ELISA Kit; TGF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	382
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.61ng/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 TGF-beta elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Transforming Growth Factor ? (also known as TGF-?) 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 Canine TGF-? antibody. TGF-? present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine TGF-? Antibody is added and binds to TGF-? in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGF-? 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 Canine TGF-?. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148230985
NCBI GeneID	397778
NCBI Accession #	NP_001081330.1
NCBI GenBank Nucleotide #	NM_001087861.1
UniProt Accession #	P16176; A1L2V0
Molecular Weight	44,201 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Synonym Full Names	transforming growth factor beta 1 L homeolog
NCBI Official Symbol	tgfb1.L
NCBI Official Synonym Symbols	ced; lap; dpd1; tgfb; tgfb1; tgfb5; tgfbeta; tgf-beta; TGF-beta5
NCBI Protein Information	transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	tgfb1
UniProt Synonym Gene Names	TGF-beta-1

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/canine-elisa-kits/transforming-growth-factor-beta-tgf-beta/122360>