

Canine Transforming Growth Factor beta ELISA Kit | TGFbeta elisa kit

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CATALOG #
AAA88407

REACTIVITY
Canine

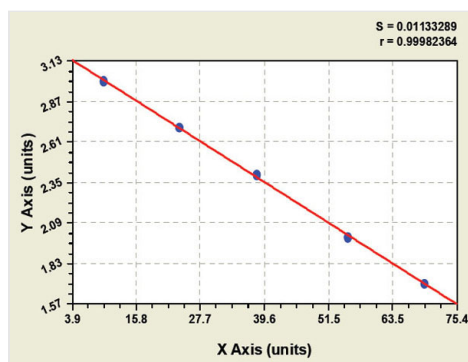
PRODUCT SYNONYMS

Transforming Growth Factor beta; Canine Transforming Growth Factor beta ELISA Kit; Canine Transforming Growth Factor b ELISA Kit; TGFbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Highest Standards	1000pg/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFbeta elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This TGF? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TGF?. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY TGF? ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TGF? antibody and an TGF?-HRP conjugate. The assay sample and buffer are incubated together with TGF?-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TGF? concentration since TGF? from samples and TGF?-HRP conjugate compete for the anti-TGF? antibody binding site. Since the number of sites is limited, as more sites are occupied by TGF? from the sample, fewer sites are left to bind TGF?-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGF? concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TGFbeta elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	254596903
Molecular Weight	4,760 Da
NCBI Official Full Name	transforming growth factor beta, partial
UniProt Protein Name	Transforming growth factor beta
UniProt Gene Name	TGFBI
UniProt Entry Name	C7FFS5_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.

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Online datasheet: <https://stage.aaabiotech.com/tgfbeta-canine-elisa-kits/transforming-growth-factor-beta/88407>