

Guinea Pig Transforming Growth Factor beta2 ELISA Kit | TGFbeta2 elisa kit

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CATALOG #
AAA83866

REACTIVITY
Guinea Pig

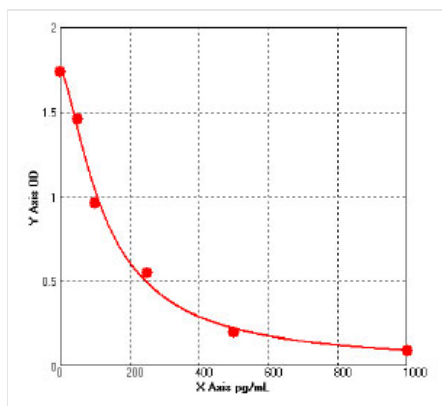
PRODUCT SYNONYMS

Transforming Growth Factor beta2; Guinea pig Transforming Growth Factor beta2 ELISA Kit; Guinea pig Transforming Growth Factor b2 ELISA Kit; TGFbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of TGFbeta2. No significant cross-reactivity or interference between TGFbeta2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TGFbeta2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFbeta2 elisa kit	Principle of the Assay: TGFbeta2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TGFbeta2 antibody and an TGFbeta2-HRP conjugate. The assay sample and buffer are incubated together with TGFbeta2-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 TGFbeta2 concentration since TGFbeta2 from samples and TGFbeta2-HRP conjugate compete for the anti-TGFbeta2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TGFbeta2 from the sample, fewer sites are left to bind TGFbeta2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGFbeta2 concentration in each sample is interpolated from this standard curve. Intended Uses: This TGFbeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig TGFbeta2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TGFbeta2 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	208022653
NCBI GeneID	7042
NCBI Accession #	NP_001129071.1
NCBI GenBank Nucleotide #	NM_001135599.2
Molecular Weight	50,573 Da
NCBI Official Full Name	transforming growth factor beta-2 isoform 1
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	LDS4; TGF-beta2
NCBI Protein Information	transforming growth factor beta-2; G-TSF; cetermin; polyergin; BSC-1 cell growth inhibitor; prepro-transforming growth factor beta-2; glioblastoma-derived T-cell suppressor factor
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGF-beta-2; G-TSF; LAP
UniProt Entry Name	TGFB2_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/tgfbeta2-guinea-pig-pig-elisa-kits/transforming-growth-factor-beta2/83866>