

Porcine Transforming Growth Factor beta2 ELISA Kit | TGFbeta2 elisa kit

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CATALOG #
AAA92615

REACTIVITY
Porcine

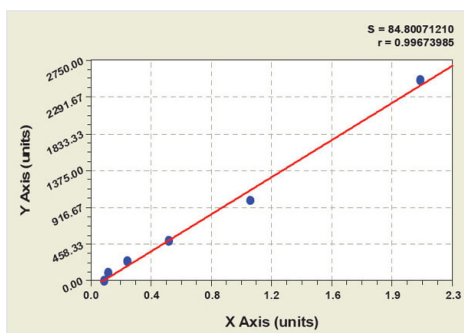
PRODUCT SYNONYMS

Transforming Growth Factor beta2; Porcine Transforming Growth Factor beta2 ELISA Kit; Porcine Transforming Growth Factor b2 ELISA Kit; TGFbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TGFbeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TGFbeta2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for TGFbeta2 elisa kit

Principle of the Assay: TGFbeta2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TGFbeta2. Standards or samples are then added to the microtiter plate wells and TGFbeta2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TGFbeta2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TGFbeta2 are added to each well to "sandwich" the TGFbeta2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TGFbeta2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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://www.aaabiotech.com/tgfbeta2-porcine-elisa-kits/transforming-growth-factor-beta2/92615>