

Rat Transforming Growth Factor beta3 ELISA Kit | TGFbeta3 elisa kit

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CATALOG #
AAA96284

REACTIVITY
Rat

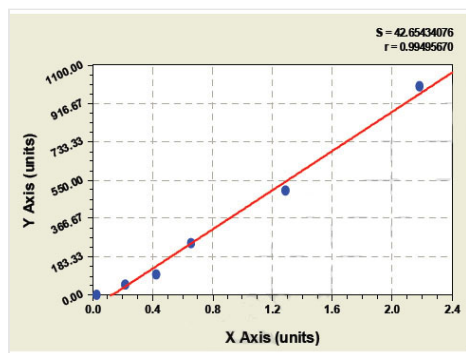
PRODUCT SYNONYMS

Transforming Growth Factor beta3; Rat Transforming Growth Factor beta3 ELISA Kit; Rat Transforming Growth Factor b3 ELISA Kit; TGFbeta3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This TGFbeta3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TGFbeta3. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for TGFbeta3 elisa kit	Principle of the Assay: TGFbeta3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TGFbeta3. Standards or samples are then added to the microtiter plate wells and TGFbeta3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TGFbeta3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TGFbeta3 are added to each well to "sandwich" the TGFbeta3 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 TGFbeta3 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 TGFbeta3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TGFbeta3 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507465
NCBI GeneID	7043
NCBI Accession #	NP_003230.1
NCBI GenBank Nucleotide #	NM_003239.3
Molecular Weight	47,328 Da
NCBI Official Full Name	transforming growth factor beta-3 preproprotein
NCBI Official Synonym Full Names	transforming growth factor, beta 3
NCBI Official Symbol	TGFB3
NCBI Official Synonym Symbols	ARVD; RNHF; ARVD1; TGF-beta3
NCBI Protein Information	transforming growth factor beta-3; TGF-beta-3; prepro-transforming growth factor beta-3
UniProt Protein Name	Transforming growth factor beta-3
UniProt Gene Name	TGFB3
UniProt Synonym Gene Names	TGF-beta-3; LAP
UniProt Entry Name	TGFB3_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/tgfbeta3-rat-elisa-kits/transforming-growth-factor-beta3/96284>