

Mouse Transforming Growth Factor Beta 3 ELISA Kit | TGFb3 elisa kit

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CATALOG #
AAA83774

REACTIVITY
Mouse

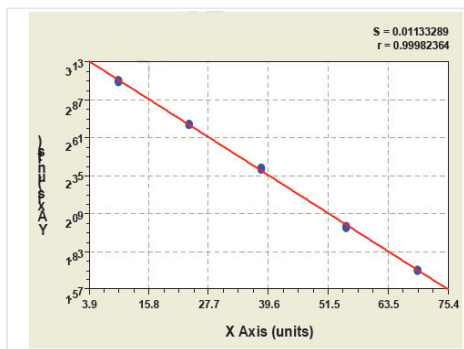
PRODUCT SYNONYMS

Transforming Growth Factor Beta 3; Mouse Transforming Growth Factor Beta 3 ELISA Kit; TGFb3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 TGFB3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse TGFB3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFb3 elisa kit

Principle of the Assay: TGFB3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TGFB3 antibody and an TGFB3-HRP conjugate. The assay sample and buffer are incubated together with TGFB3-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 TGFB3 concentration since TGFB3 from samples and TGFB3-HRP conjugate compete for the anti-TGFB3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TGFB3 from the sample, fewer sites are left to bind TGFB3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGFB3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296482901
NCBI GeneID	538957
NCBI Official Full Name	TPA: transforming growth factor beta-3
NCBI Official Synonym Full Names	transforming growth factor, beta 3
NCBI Official Symbol	TGFB3
NCBI Protein Information	transforming growth factor beta-3

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/tgfb3-mouse-elisa-kits/transforming-growth-factor-beta-3/83774>