

Goat Transforming Growth Factor beta ELISA Kit | TGFbeta elisa kit

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CATALOG #
AAA89272

REACTIVITY
Goat

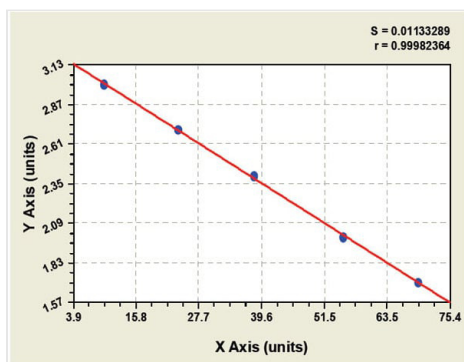
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
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 TGFβ ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat TGFβ. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY TGFβ ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TGFβ antibody and an TGFβ-HRP conjugate. The assay sample and buffer are incubated together with TGFβ-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 TGFβ concentration since TGFβ from samples and TGFβ-HRP conjugate compete for the anti-TGFβ antibody binding site. Since the number of sites is limited, as more sites are occupied by TGFβ from the sample, fewer sites are left to bind TGFβ-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGFβ 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
NCBI Official Full Name	transforming growth factor beta

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-goat-elisa-kits/transforming-growth-factor-beta/89272>