

Rat Transforming Growth Factor Beta (TGF-beta) ELISA Kit | TGF-beta elisa kit

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CATALOG #
AAA12416

REACTIVITY
Rat

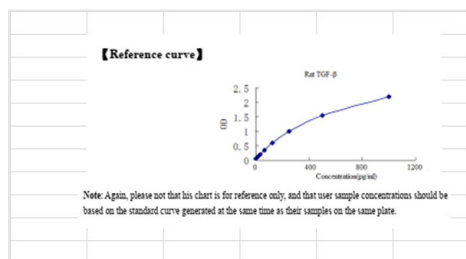
PRODUCT SYNONYMS

Transforming Growth Factor Beta (TGF-beta); Rat Transforming Growth Factor Beta (TGF-beta) ELISA kit; Rat Transforming Growth Factor Beta (TGF-b) ELISA kit; TGF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	43
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat TGF-beta monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	254596903
Molecular Weight	4,760 Da
NCBI Official Full Name	transforming growth factor beta, partial
UniProt Protein Name	Transforming growth factor beta
UniProt Gene Name	TGFBI
UniProt Entry Name	C7FFS5_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/rat-elisa-kits/transforming-growth-factor-beta-tgf-beta/12416>