

Rat Transforming Growth Factor Beta 2 ELISA Kit | TGF-beta2 elisa kit

Rat Transforming Growth Factor Beta 2 ELISA Kit

CATALOG #
AAA101007

REACTIVITY
Rat

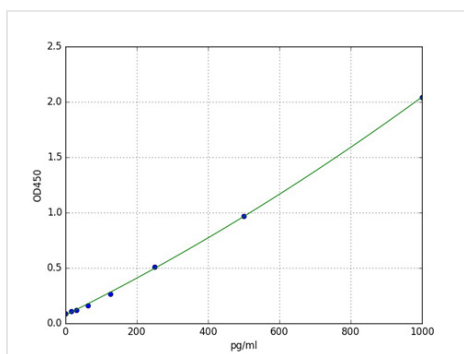
PRODUCT SYNONYMS

Transforming Growth Factor Beta 2; Rat Transforming Growth Factor Beta 2 ELISA Kit; TGF-b2 (Transforming Growth Factor b2)/TGF-b2/TGFB2/TGFB2/BSC-1 cell growth inhibitor/Cetermin/G-TSF/Polyergin/polyergin/TGF-beta2/TGF-beta-2/transforming growth factor beta-2 ; TGF-beta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	413
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat TGF-β2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.047	0.129	0.196	0.343	0.667	1.081	1.593	2.322

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat TGF-beta2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat TGF-beta2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat TGF-beta2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat TGF-beta2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	557563
NCBI GeneID	7042
Molecular Weight	50,573 Da
NCBI Official Full Name	transforming growth factor beta 2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgf-beta2-rat-elisa-kits/transforming-growth-factor-beta-2/101007>