

Mouse TGF-alpha ELISA Kit | TGF-alpha elisa kit

Mouse TGF-alpha (Transforming Growth Factor alpha) ELISA Kit

CATALOG #
AAA21679

REACTIVITY
Mouse

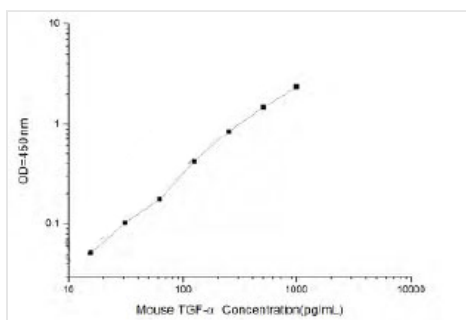
PRODUCT SYNONYMS

TGF-alpha; Mouse TGF-alpha (Transforming Growth Factor alpha) ELISA Kit; TGF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TGF-alpha in samples. No significant cross-reactivity or interference between Mouse TGF-alpha and analogues was observed.
Sequence Length	173
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse TGF-alpha were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse TGF-alpha were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-alpha elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse TGF-alpha. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse TGF-alpha and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse TGF-alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse TGF-alpha. You can calculate the concentration of Mouse TGF-alpha in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse TGF-alpha concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297499581
Molecular Weight	19,279 Da
NCBI Official Full Name	TGF-alpha, partial
UniProt Protein Name	TGF-alpha
UniProt Gene Name	tgfa
UniProt Entry Name	D7RNZ2_GRYBI

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/mouse-elisa-kits/tgf-alpha/21679>