

Mouse TNF-beta ELISA Kit | TNF-beta elisa kit

Mouse TNF-beta (Tumor necrosis factor beta) ELISA Kit

CATALOG #
AAA164010

REACTIVITY
Mouse

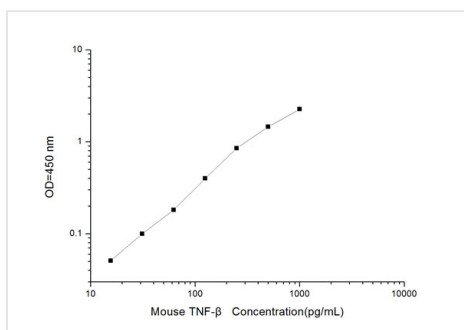
PRODUCT SYNONYMS

TNF-beta; Mouse TNF-beta (Tumor necrosis factor beta) ELISA Kit; TNF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TNF-beta in samples. No significant cross-reactivity or interference between Mouse TNF-beta and analogues was observed.
Sequence Length	202
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 TNF-beta 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 TNF-beta 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 TNF-beta 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 TNF-beta. 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 TNF-beta 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 TNF-beta, 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 TNF-beta. You can calculate the concentration of Mouse TNF-beta 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 TNF-beta concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54831
NCBI GeneID	16992
UniProt Accession #	P09225
Molecular Weight	21,999 Da
NCBI Official Full Name	TNF-beta
NCBI Official Synonym Full Names	lymphotoxin A
NCBI Official Symbol	Lta
NCBI Official Synonym Symbols	LT; Ltx; Tnfb; LT[a]; LT-[a]; TNFSF1; hlb382; LTalpha; Tnfsf1b; LT-alpha; TNF-beta
NCBI Protein Information	lymphotoxin-alpha; TNF beta; lymphotoxin alpha; tumor necrosis factor ligand superfamily member 1
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	Lta
UniProt Synonym Gene Names	Tnfb; Tnfsf1; LT-alpha
UniProt Entry Name	TNFB_MOUSE

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/tnf-beta/164010>