

Rat Tumor necrosis factor beta, TNF-beta ELISA Kit | TNF-beta elisa kit

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CATALOG #
AAA41625

REACTIVITY
Rat

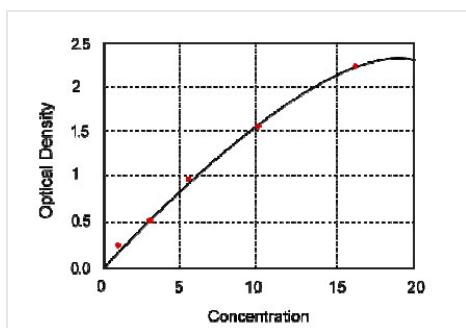
PRODUCT SYNONYMS

Tumor necrosis factor beta; TNF-beta; Rat Tumor necrosis factor beta; TNF-beta ELISA Kit; TNF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	202
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	2-600pg/ml
Sensitivity	1.02pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-beta elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Tumor necrosis factor beta (also known as TNF-beta) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TNF-beta antibody. TNF-beta present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TNF-beta Antibody is added and binds to TNF-beta in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TNF-beta antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat TNF-beta. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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; Tnlg1e; hlb382; LTalpha; Tnfsf1b; LT-alpha; TNF-beta
NCBI Protein Information	lymphotoxin-alpha
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	Lta
UniProt Synonym Gene Names	Tnfb; Tnfsf1; LT-alpha

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/rat-elisa-kits/tumor-necrosis-factor-beta-tnf-beta/41625>