

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

Human TNF-beta (Tumor Necrosis Factor Beta) ELISA Kit

CATALOG #
AAA164140

REACTIVITY
Human

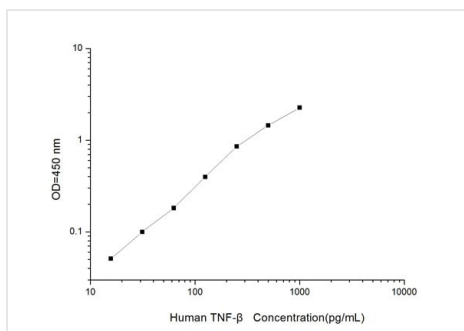
PRODUCT SYNONYMS

TNF-beta; Human TNF-beta (Tumor Necrosis Factor Beta) ELISA Kit; TNF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNF-beta. No significant cross-reactivity or interference between Human TNF-beta and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TNF-beta and all the analogues, therefore, cross reaction may still exist.
Sequence Length	202
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-beta elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNF-beta in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human TNF-beta. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human TNF-beta and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human TNF-beta, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Human TNF-beta. You can calculate the concentration of Human TNF-beta in the samples by comparing the OD of the samples to the standard curve.
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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/human-elisa-kits/tnf-beta/164140>