

Human lymphotoxin alpha (TNF superfamily, member 1) ELISA Kit | LTA elisa kit

Human Tumor necrosis factor beta, TNF-beta ELISA Kit

 CATALOG #
AAA80140

 REACTIVITY
Human

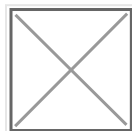
PRODUCT SYNONYMS

lymphotoxin alpha (TNF superfamily; member 1); Human Tumor necrosis factor beta; TNF-beta ELISA Kit; TNF-beta ELISA KIT; DAMA-25N12.13; LT; TNFB; TNFSF1; OTTHUMP00000165897; lymphotoxin alpha; tumor necrosis factor beta; LTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LTA. No significant cross-reactivity or interference between Human LTA and analogues was observed.
Sequence Length	205
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTA elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TNF-beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNF-beta present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNF-beta is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNF-beta bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6806893
NCBI GeneID	4049
NCBI Accession #	NP_000586.2
NCBI GenBank Nucleotide #	NM_000595.3
UniProt Accession #	P01374; Q8N4C3; Q9UKS8
Molecular Weight	22,297 Da
NCBI Official Full Name	lymphotoxin-alpha
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA
NCBI Official Synonym Symbols	LT; TNFB; TNFSF1
NCBI Protein Information	lymphotoxin-alpha; LT-alpha; TNF-beta; TNF superfamily, member 1; tumor necrosis factor beta; 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_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.

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Online datasheet: <https://stage.aaabiotech.com/lta-human-elisa-kits/lymphotoxin-alpha-tnf-superfamily-member-1/80140>