

Human Lymphotoxin Beta ELISA Kit | LTbeta elisa kit

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CATALOG #
AAA98425

REACTIVITY
Human

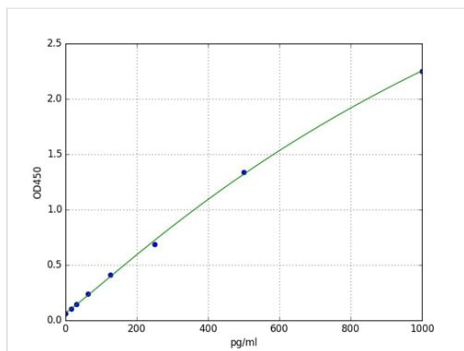
PRODUCT SYNONYMS

Lymphotoxin Beta; Human Lymphotoxin Beta ELISA Kit; LTb ; LTbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	244
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human LTβ ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.010	0.110	0.218	0.416	0.842	1.283	1.841	2.475

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTbeta elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human LTbeta antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LTbeta antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human LTbeta amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LTbeta can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4337113

NCBI GeneID	4050
Molecular Weight	7,780 Da
NCBI Official Full Name	lymphotoxin beta
NCBI Official Synonym Full Names	lymphotoxin beta
NCBI Official Symbol	LTB
NCBI Official Synonym Symbols	p33; TNFC; TNFSF3; TNLG1C
NCBI Protein Information	lymphotoxin-beta
UniProt Protein Name	Lymphotoxin-beta
UniProt Gene Name	LTB
UniProt Synonym Gene Names	TNFC; TNFSF3; LT-beta; TNF-C
UniProt Entry Name	TNFC_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/lbta-human-elisa-kits/lymphotoxin-beta/98425>