

Human Lymphotoxin beta ELISA Kit | LTB elisa kit

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CATALOG #
AAA16048

REACTIVITY
Human

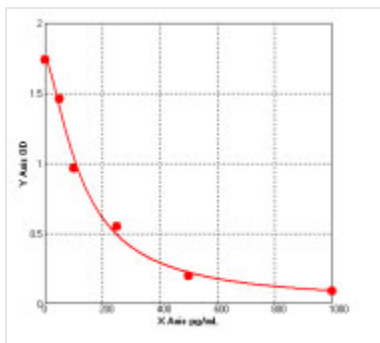
PRODUCT SYNONYMS

Lymphotoxin beta; Human Lymphotoxin beta ELISA Kit; Human Lymphotoxin b ELISA Kit; LTB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LYMBeta. No significant cross-reactivity or interference between LYMBeta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LYMBeta and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTB elisa kit	Principle of the Assay: LYMBeta ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LYMBeta antibody and an LYMBeta-HRP conjugate. The assay sample and buffer are incubated together with LYMBeta-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LYMBeta concentration since LYMBeta from samples and LYMBeta-HRP conjugate compete for the anti-LYMBeta antibody binding site. Since the number of sites is limited, as more sites are occupied by LYMBeta from the sample, fewer sites are left to bind LYMBeta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LYMBeta concentration in each sample is interpolated from this standard curve. Intended Uses: This LYMBeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LYMBeta. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for LTB elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	156602038
NCBI GeneID	100092995
Molecular Weight	25,099 Da
NCBI Official Full Name	Ltb
NCBI Official Symbol	LTB
NCBI Protein Information	lymphotoxin-beta
UniProt Protein Name	Ltb
UniProt Gene Name	Ltb
UniProt Entry Name	A7X5T4_ORNAN

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.