

Canine Lymphotoxin beta ELISA Kit | LTB elisa kit

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CATALOG #
AAA93508

REACTIVITY
Canine

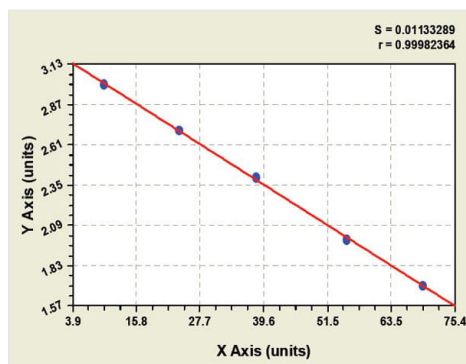
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/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

Intended Uses: This LTB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine LTB. This ELISA kit for research use only!

Principle of the Assay: LTB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LTB antibody and an LTB-HRP conjugate. The assay sample and buffer are incubated together with LTB-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 LTB concentration since LTB from samples and LTB-HRP conjugate compete for the anti-LTB antibody binding site. Since the number of sites is limited, as more sites are occupied by LTB from the sample, fewer sites are left to bind LTB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LTB concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://www.aaabiotech.com/ltb-canine-elisa-kits/lymphotoxin-beta/93508>