

Sheep Lymphotoxin beta ELISA Kit | LTB elisa kit

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CATALOG #
AAA92309

REACTIVITY
Sheep

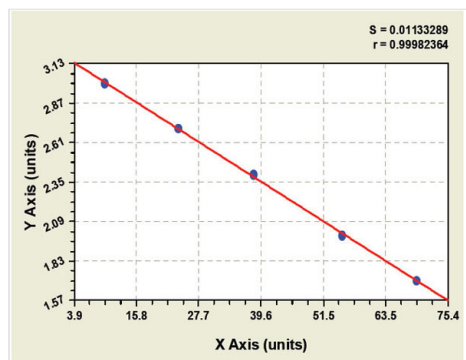
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This LTB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep LTB. This ELISA kit for research use only, not for therapeutic applications
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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: 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.
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.