

Mouse lipoteichoic acids (LTA) ELISA Kit | LTA elisa kit

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CATALOG #
AAA12511

REACTIVITY
Mouse

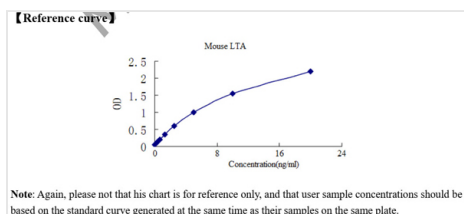
PRODUCT SYNONYMS

lipoteichoic acids (LTA); Mouse lipoteichoic acids (LTA) ELISA Kit; LTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	205
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse LTA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457540
NCBI GeneID	4049

UniProt Accession #	Q6FG55; P01374
Molecular Weight	22,350 Da
NCBI Official Full Name	LTA, partial
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	LTA protein
UniProt Gene Name	LTA
UniProt Entry Name	Q6FG55_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/mouse-elisa-kits/lipoteichoic-acids-lta/12511>