

Monkey Clathrin light chain B (CLTB) ELISA Kit | CLTB elisa kit

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CATALOG #
AAA246501

REACTIVITY
Monkey

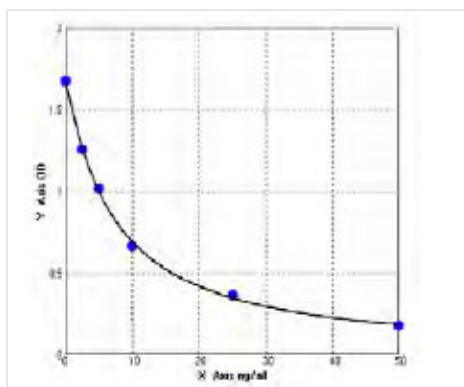
PRODUCT SYNONYMS

Clathrin light chain B (CLTB); Monkey Clathrin light chain B (CLTB) ELISA Kit; CLTB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CLTB. No significant cross-reactivity or interference between CLTB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLTB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLTB elisa kit	Intended Uses: This CLTB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CLTB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CLTB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CLTB antibody and an CLTB-HRP conjugate. The assay sample and buffer are incubated together with CLTB-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 CLTB concentration since CLTB from samples and CLTB-HRP conjugate compete for the anti-CLTB antibody binding site. Since the number of sites is limited, as more sites are occupied by CLTB from the sample, fewer sites are left to bind CLTB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLTB concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CLTB elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	27805873
NCBI GeneID	281698
NCBI Accession #	NP_776702.1
NCBI GenBank Nucleotide #	NM_174277.2
Molecular Weight	23,073 Da
NCBI Official Full Name	clathrin light chain B
NCBI Official Synonym Full Names	clathrin, light chain B<
NCBI Official Symbol	CLTB
NCBI Official Synonym Symbols	CLTLB
NCBI Protein Information	clathrin light chain B; lcb; clathrin, light chain (Lcb); clathrin, light polypeptide B (light chain B)
UniProt Protein Name	Clathrin light chain B
UniProt Gene Name	CLTB
UniProt Synonym Gene Names	CLTLB; Lcb
UniProt Entry Name	CLCB_BOVIN

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/monkey-elisa-kits/clathrin-light-chain-b-cltb/246501>