

Monkey Clathrin light chain A (CLTA) ELISA Kit | CLTA elisa kit

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CATALOG #
AAA246858

REACTIVITY
Monkey

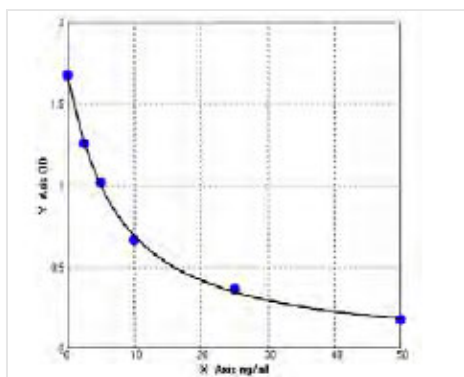
PRODUCT SYNONYMS

Clathrin light chain A (CLTA); Monkey Clathrin light chain A (CLTA) ELISA Kit; CLTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CLTA. No significant cross-reactivity or interference between CLTA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLTA 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 CLTA elisa kit	Intended Uses: This CLTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CLTA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CLTA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CLTA antibody and an CLTA-HRP conjugate. The assay sample and buffer are incubated together with CLTA-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 CLTA concentration since CLTA from samples and CLTA-HRP conjugate compete for the anti-CLTA antibody binding site. Since the number of sites is limited, as more sites are occupied by CLTA from the sample, fewer sites are left to bind CLTA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLTA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CLTA elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806687
NCBI GeneID	281078
NCBI Accession #	NP_776447.1
NCBI GenBank Nucleotide #	NM_174022.2
Molecular Weight	25,323 Da
NCBI Official Full Name	clathrin light chain A
NCBI Official Synonym Full Names	clathrin, light chain A<
NCBI Official Symbol	CLTA
NCBI Official Synonym Symbols	CLTA2
NCBI Protein Information	clathrin light chain A; lca; clathrin, light chain A2; clathrin, light chain (Lca); clathrin, light polypeptide (Lca)
UniProt Protein Name	Clathrin light chain A
UniProt Gene Name	CLTA
UniProt Synonym Gene Names	Lca
UniProt Entry Name	CLCA_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-a-clta/246858>