

Monkey Clathrin heavy chain 1 (CLTC) ELISA Kit | CLTC elisa kit

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CATALOG #
AAA245302

REACTIVITY
Monkey

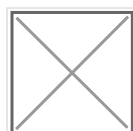
PRODUCT SYNONYMS

Clathrin heavy chain 1 (CLTC); Monkey Clathrin heavy chain 1 (CLTC) ELISA Kit; CLTC elisa kit

PRODUCT SPECIFICATIONS

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758012
NCBI GeneID	1213
NCBI Accession #	NP_004850.1
NCBI GenBank Nucleotide #	NM_004859.3
Molecular Weight	187,890 Da
NCBI Official Full Name	clathrin heavy chain 1 isoform 1
NCBI Official Synonym Full Names	clathrin, heavy chain (Hc)
NCBI Official Symbol	CLTC
NCBI Official Synonym Symbols	Hc; CHC; CHC17; CLH-17; CLTCL2
NCBI Protein Information	clathrin heavy chain 1; clathrin, heavy polypeptide (Hc); clathrin, heavy polypeptide-like 2; clathrin heavy chain on chromosome 17
UniProt Protein Name	Clathrin heavy chain 1
UniProt Gene Name	CLTC
UniProt Synonym Gene Names	CLH17; CLTCL2; KIAA0034; CLH-17
UniProt Entry Name	CLH1_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/monkey-elisa-kits/clathrin-heavy-chain-1-cltc/245302>