

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

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CATALOG #
AAA246659

REACTIVITY
Mouse

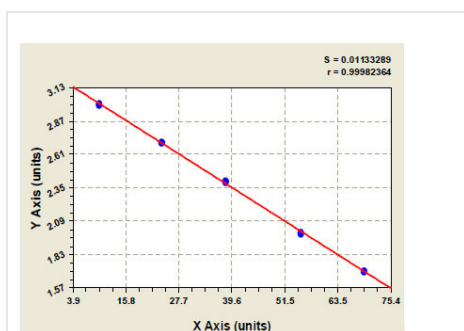
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 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 Mouse CLTC. This ELISA kit for research use only!

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/mouse-elisa-kits/clathrin-heavy-chain-1-cltc/246659>