

Human Cytoplasmic dynein 1 light intermediate chain 2 (DYNC1LI2) ELISA Kit | DYNC1LI2 elisa kit

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CATALOG #
AAA246821

REACTIVITY
Human

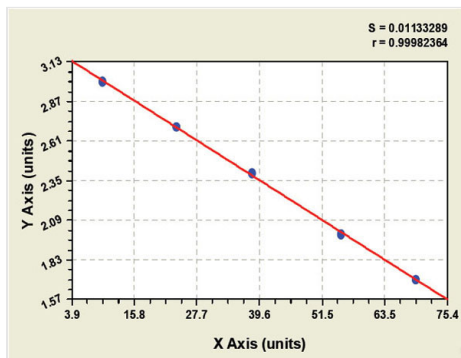
PRODUCT SYNONYMS

Cytoplasmic dynein 1 light intermediate chain 2 (DYNC1LI2); Human Cytoplasmic dynein 1 light intermediate chain 2 (DYNC1LI2) ELISA Kit; DYNC1LI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This DYNC1LI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DYNC1LI2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DYNC1LI2 elisa kit

Principle of the assay: DYNC1LI2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DYNC1LI2 antibody and an DYNC1LI2-HRP conjugate. The assay sample and buffer are incubated together with DYNC1LI2-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 DYNC1LI2 concentration since DYNC1LI2 from samples and DYNC1LI2-HRP conjugate compete for the anti-DYNC1LI2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DYNC1LI2 from the sample, fewer sites are left to bind DYNC1LI2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DYNC1LI2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453634
NCBI GeneID	1783
NCBI Accession #	NP_006132.1
NCBI GenBank Nucleotide #	NM_006141.2
Molecular Weight	45,005 Da
NCBI Official Full Name	cytoplasmic dynein 1 light intermediate chain 2 isoform 1
NCBI Official Synonym Full Names	dynein, cytoplasmic 1, light intermediate chain 2
NCBI Official Symbol	DYNC1LI2
NCBI Official Synonym Symbols	LIC2; DNCLI2
NCBI Protein Information	cytoplasmic dynein 1 light intermediate chain 2; LIC-2; LIC53/55; dynein light intermediate chain 2, cytosolic; dynein, cytoplasmic, light intermediate polypeptide 2
UniProt Protein Name	Cytoplasmic dynein 1 light intermediate chain 2
UniProt Gene Name	DYNC1LI2
UniProt Synonym Gene Names	DNCLI2; LIC2; LIC-2
UniProt Entry Name	DC1L2_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://www.aaabiotech.com/human-elisa-kits/cytoplasmic-dynein-1-light-intermediate-chain-2-dync1li2/246821>