

Human cytoplasmic linker associated protein 2 ELISA Kit | CLASP2 elisa kit

Human CLIP-associating protein 2, CLASP2 ELISA Kit

CATALOG #
AAA112403

REACTIVITY
Human

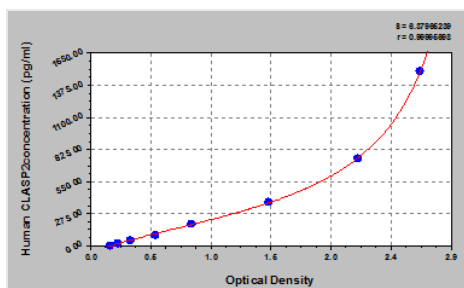
PRODUCT SYNONYMS

cytoplasmic linker associated protein 2; Human CLIP-associating protein 2; CLASP2 ELISA Kit; Human CLIP-associating protein 2 (CLASP2) ELISA kit; CLIP-associating protein 2; multiple asters (Mast) -like homolog 2; CLASP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CLASP2. No significant cross-reactivity or interference between Human CLASP2 and analogues was observed.
Sequence Length	1294
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	5.86 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLASP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLASP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLASP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLASP2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLASP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333440451
NCBI GeneID	23122
NCBI Accession #	NP_001193973.1
NCBI GenBank Nucleotide #	NM_001207044.1
UniProt Accession #	O75122; Q7L8F6; Q8N6R6; Q9BQT3; Q9BQT4; Q9H7A3; Q9NSZ2
Molecular Weight	46,585 Da
NCBI Official Full Name	CLIP-associating protein 2 isoform 2
NCBI Official Synonym Full Names	cytoplasmic linker associated protein 2
NCBI Official Symbol	CLASP2
NCBI Protein Information	CLIP-associating protein 2; protein Orbit homolog 2; multiple asters (Mast)-like homolog 2; cytoplasmic linker-associated protein 2
UniProt Protein Name	CLIP-associating protein 2
UniProt Gene Name	CLASP2
UniProt Synonym Gene Names	KIAA0627; hOrbit2
UniProt Entry Name	CLAP2_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.