

Human Calmodulin regulated spectrin associated protein 2 (CAMSAP1L1) ELISA Kit | CAMSAP1L1 elisa kit

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CATALOG # AAA245404	REACTIVITY Human
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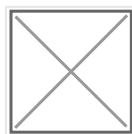
PRODUCT SYNONYMS

Calmodulin regulated spectrin associated protein 2 (CAMSAP1L1); Human Calmodulin regulated spectrin associated protein 2 (CAMSAP1L1) ELISA Kit; CAMSAP1L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CAMSAP1L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CAMSAP1L1. 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 CAMSAP1L1 elisa kit	Principle of the Assay: CAMSAP1L1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAMSAP1L1 antibody and an CAMSAP1L1-HRP conjugate. The assay sample and buffer are incubated together with CAMSAP1L1-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 CAMSAP1L1 concentration since CAMSAP1L1 from samples and CAMSAP1L1-HRP conjugate compete for the anti-CAMSAP1L1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CAMSAP1L1 from the sample, fewer sites are left to bind CAMSAP1L1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAMSAP1L1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CAMSAP1L1 elisa kit	Stem Cell

NCBI AND UNIPROT INFORMATION

NCBI GI #	44955929
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NCBI GeneID	23271
NCBI Accession #	NP_982284.1
NCBI GenBank Nucleotide #	NM_203459.2
Molecular Weight	166,732 Da
NCBI Official Full Name	calmodulin-regulated spectrin-associated protein 2 isoform 2
NCBI Official Synonym Full Names	calmodulin regulated spectrin-associated protein family, member 2
NCBI Official Symbol	CAMSAP2
NCBI Official Synonym Symbols	CAMSAP1L1
NCBI Protein Information	calmodulin-regulated spectrin-associated protein 2; calmodulin-regulated spectrin-associated protein 1-like protein 1
UniProt Protein Name	Calmodulin-regulated spectrin-associated protein 2
UniProt Gene Name	CAMSAP2
UniProt Synonym Gene Names	CAMSAP1L1; KIAA1078
UniProt Entry Name	CAMP2_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/human-elisa-kits/calmodulin-regulated-spectrin-associated-protein-2-camsap1l1/245404>