

Human Calcineurin Binding Protein 1 ELISA Kit | CABIN1 elisa kit

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CATALOG #
AAA84470

REACTIVITY
Human

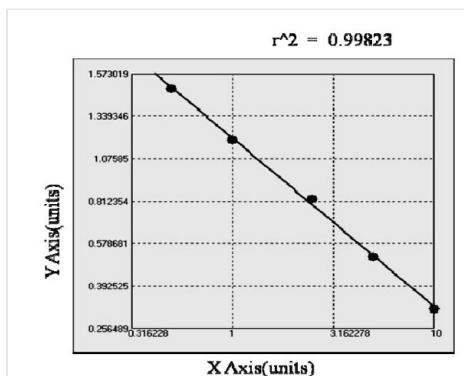
PRODUCT SYNONYMS

Calcineurin Binding Protein 1; Human Calcineurin Binding Protein 1 ELISA Kit; CABIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CABIN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CABIN1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CABIN1 elisa kit

Principle of the Assay: CABIN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CABIN1 antibody and an CABIN1-HRP conjugate. The assay sample and buffer are incubated together with CABIN1-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 CABIN1 concentration since CABIN1 from samples and CABIN1-HRP conjugate compete for the anti-CABIN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CABIN1 from the sample, fewer sites are left to bind CABIN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CABIN1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	319738622
NCBI GeneID	23523
NCBI Accession #	NP_001188358.1
NCBI GenBank Nucleotide #	NM_001201429.1
Molecular Weight	237,574 Da
NCBI Official Full Name	calcineurin-binding protein cabin-1 isoform b
NCBI Official Synonym Full Names	calcineurin binding protein 1
NCBI Official Symbol	CABIN1
NCBI Official Synonym Symbols	CAIN; PPP3IN
NCBI Protein Information	calcineurin-binding protein cabin-1; calcineurin inhibitor; calcineurin binding protein cabin 1
UniProt Protein Name	Calcineurin-binding protein cabin-1
UniProt Gene Name	CABIN1
UniProt Synonym Gene Names	KIAA0330; CAIN
UniProt Entry Name	CABIN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cabin1-human-elisa-kits/calcineurin-binding-protein-1/84470>