

Monkey Calcineurin ELISA Kit | CaN elisa kit

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CATALOG #
AAA93047

REACTIVITY
Monkey

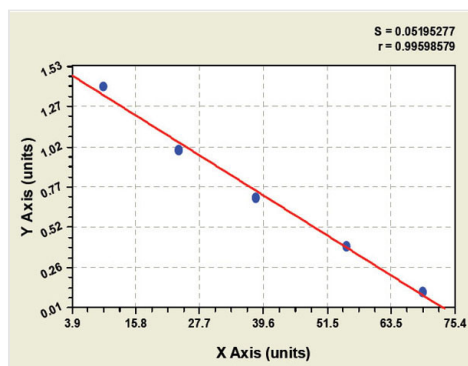
PRODUCT SYNONYMS

Calcineurin; Monkey Calcineurin ELISA Kit; CaN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CaN elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This CAN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CAN. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY CAN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAN antibody and an CAN-HRP conjugate. The assay sample and buffer are incubated together with CAN-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 CAN concentration since CAN from samples and CAN-HRP conjugate compete for the anti-CAN antibody binding site. Since the number of sites is limited, as more sites are occupied by CAN from the sample, fewer sites are left to bind CAN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CaN elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	965468
NCBI GeneID	2281
Molecular Weight	8,802 Da
NCBI Official Full Name	calcineurin
NCBI Official Synonym Full Names	FK506 binding protein 1B, 12.6 kDa
NCBI Official Symbol	FKBP1B
NCBI Official Synonym Symbols	OTK4; FKBP1L; PKBP1L; PPIase; FKBP12.6
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1B; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPIase FKBP1B; immunophilin FKBP12.6; FK506-binding protein 1B; FK506-binding protein 12.6; 12.6 kDa FK506-binding protein
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1B
UniProt Gene Name	FKBP1B
UniProt Synonym Gene Names	FKBP12.6; FKBP1L; FKBP9; OTK4; PPIase FKBP1B; 12.6 kDa FKBP; FKBP-12.6; FKBP-1B
UniProt Entry Name	FKB1B_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.