

Human calmodulin, CAM ELISA Kit | CAM elisa kit

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CATALOG #
AAA42294

REACTIVITY
Human

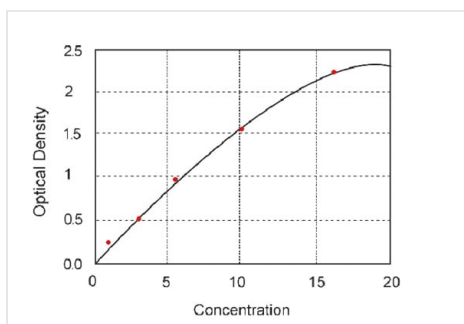
PRODUCT SYNONYMS

calmodulin; CAM; Human calmodulin; CAM ELISA Kit; CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	149
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	10.11ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAM elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CAM antibody. CAM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CAM Antibody is added and binds to CAM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAM antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CAM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human calmodulin (also known as CAM) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901912
NCBI GeneID	801
NCBI Accession #	NP_008819.1
NCBI GenBank Nucleotide #	NM_006888.5
UniProt Accession #	P62158; P02593; P70667; P99014; Q13942; Q53S29; Q61379; Q61380; Q96HK3; P0DP23
Molecular Weight	16,838 Da
NCBI Official Full Name	calmodulin-1 isoform 2
NCBI Official Synonym Full Names	calmodulin 1
NCBI Official Symbol	CALM1
NCBI Official Synonym Symbols	caM; CAM2; CAM3; CAMB; CAMC; CAMI; PHKD; CPVT4; DD132; LQT14; CALML2; CAMIII
NCBI Protein Information	calmodulin-1
UniProt Protein Name	Calmodulin-1
UniProt Gene Name	CALM1

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-cam/42294>