

Human Calmodulin (CAM) ELISA Kit | CAM elisa kit

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CATALOG #
AAA54004

REACTIVITY
Human

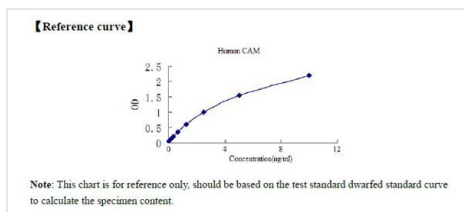
PRODUCT SYNONYMS

Calmodulin (CAM); Human Calmodulin (CAM) ELISA Kit; CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	149
Samples	Human serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant CAM concentration
Assay Type	Sandwich
Detection Range	10 ng/ml-0.156 ng/ml
Sensitivity	0.05 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAM elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human CAM monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5901912

NCBI GeneID	801
NCBI Accession #	NP_008819.1
NCBI GenBank Nucleotide #	NM_006888.4
Molecular Weight	16,838 Da
NCBI Official Full Name	calmodulin
NCBI Official Synonym Full Names	calmodulin 1 (phosphorylase kinase, delta)
NCBI Official Symbol	CALM1
NCBI Official Synonym Symbols	caM; CAMI; PHKD; CPVT4; DD132; CALML2
NCBI Protein Information	calmodulin; prepro-calmodulin 1; phosphorylase kinase, delta subunit
UniProt Protein Name	Calmodulin
UniProt Gene Name	CALM1
UniProt Synonym Gene Names	CALM; CAM; CAM1 CALM2 ; CAM2; CAMB CALM3 ; CALML2; CAM3; CAMC; CAMIII; CaM
UniProt Entry Name	CALM_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-cam/54004>