

Human CAM (Calmodulin) CLIA Kit | CAM clia kit

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CATALOG #
AAA170960

REACTIVITY
Human

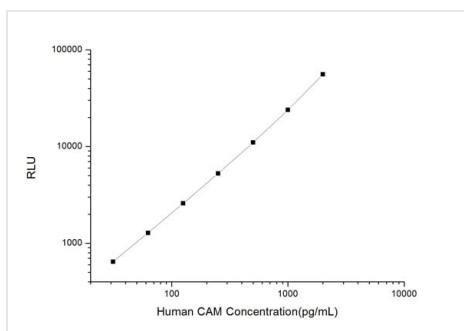
PRODUCT SYNONYMS

CAM (Calmodulin); Human CAM (Calmodulin) CLIA Kit; Calcium-modulated protein; CAM clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant CAM. No significant cross-reactivity or interference between CAM and analogues was observed.
Sequence Length	149
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAM clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CAM concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CAM. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CAM and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CAM, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CAM. You can calculate the concentration of CAM in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5542035
NCBI GeneID	801
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; LQT14; CALML2
NCBI Protein Information	calmodulin
UniProt Protein Name	Calmodulin
UniProt Gene Name	CALM1
UniProt Synonym Gene Names	CALM; CAM; CAM1; 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-clia-kits/cam-calmodulin/170960>