

Human Calmodulin ELISA Kit | CAM elisa kit

Human Calmodulin ELISA Kit

CATALOG #
AAA87654

REACTIVITY
Human

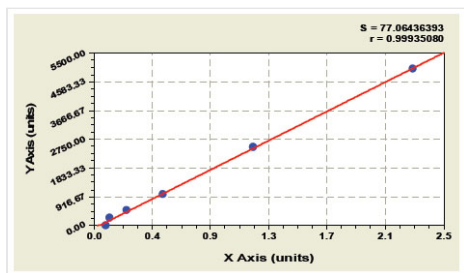
PRODUCT SYNONYMS

Calmodulin; Human Calmodulin ELISA Kit; CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	250- 5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CAM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CAM. This ELISA kit for research use only, not for therapeutic applications!
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: CAM ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CAM. Standards or samples are then added to the microtiter plate wells and CAM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CAM present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CAM are added to each well to "sandwich" the CAM immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CAM and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAM concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CAM elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194177199
NCBI GeneID	6530156
Molecular Weight	16,811 Da
NCBI Official Full Name	Cam
NCBI Official Symbol	DyakCam
NCBI Official Synonym Symbols	Cam; DyakGE12425; dyak_GLEANR_12680; GE12425
NCBI Protein Information	GE12425 gene product from transcript GE12425-RA; Cam; Cam-PA; DyakCam-PA; DyakGE12425-PA
UniProt Protein Name	Cam
UniProt Gene Name	Cam
UniProt Synonym Gene Names	DyakCam; Dyak_GE12425; GE12425
UniProt Entry Name	B4P5L3_DROYA

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/cam-human-elisa-kits/calmodulin/87654>