Rat CAM ELISA Kit | CAM elisa kit

Rat CAM (Calmodulin) ELISA Kit

CATALOG #	REACTIVITY
AAA164597	**Rat**

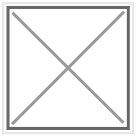
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CAM. No significant cross-reactivity or interference between Rat CAM and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CAM and all the analogues, therefore, cross reaction may still exist.
Sequence Length	149
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAM elisa kit	**Description:** The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CAM in Rat serum, plasma and other biological fluids **Principle of the Assay:** This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CAM. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat 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 Rat CAM, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CAM. You can calculate the concentration of Rat CAM in the samples by comparing the OD of the samples to the standard curve.

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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/rat-elisa-kits/cam/164597