

Sheep Calmodulin ELISA Kit | CAM elisa kit

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CATALOG #
AAA90113

REACTIVITY
Sheep

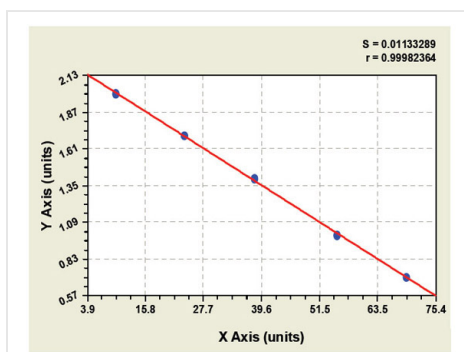
PRODUCT SYNONYMS

Calmodulin; Sheep Calmodulin ELISA Kit; CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This CAM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-CAM antibody and an CAM-HRP conjugate. The assay sample and buffer are incubated together with CAM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CAM concentration since CAM from samples and CAM-HRP conjugate compete for the anti-CAM antibody binding site. Since the number of sites is limited, as more sites are occupied by CAM from the sample, fewer sites are left to bind CAM-HRP conjugate. 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-sheep-elisa-kits/calmodulin/90113>