

Human Calmodulin Like Protein 3 (CALML3) ELISA Kit | CALML3 elisa kit

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CATALOG #
AAA65620

REACTIVITY
Human

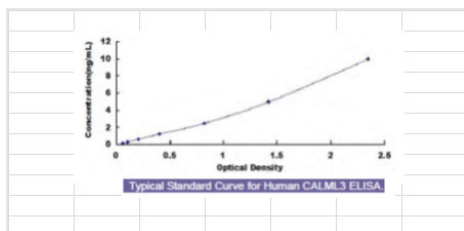
PRODUCT SYNONYMS

Calmodulin Like Protein 3 (CALML3); Human Calmodulin Like Protein 3 (CALML3) ELISA Kit; Calmodulin-related protein NB-1; CaM-like protein; CLP; CALML3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CALML3. No significant cross-reactivity or interference between CALML3 and analogues was observed.
Sequence Length	149
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CALML3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CALML3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALML3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CALML3 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CALML3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CALML3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CALML3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CALML3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885111
NCBI GeneID	810
NCBI Accession #	NP_005176.1
NCBI GenBank Nucleotide #	NM_005185.3
UniProt Accession #	P27482; Q5SQI4; B2R9V6
Molecular Weight	16,891 Da
NCBI Official Full Name	calmodulin-like protein 3
NCBI Official Synonym Full Names	calmodulin like 3
NCBI Official Symbol	CALML3
NCBI Official Synonym Symbols	CLP
NCBI Protein Information	calmodulin-like protein 3
UniProt Protein Name	Calmodulin-like protein 3
UniProt Gene Name	CALML3
UniProt Synonym Gene Names	CLP

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-like-protein-3-calml3/65620>