

Rat Caldesmon (CALD) RTU ELISA Kit | CALD rtu elisa kit

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CATALOG #
AAA69503

REACTIVITY
Rat

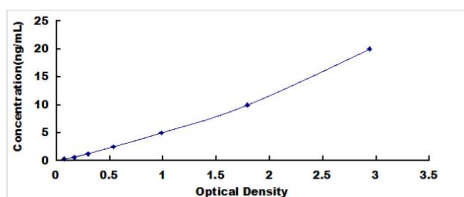
PRODUCT SYNONYMS

Caldesmon (CALD); Rat Caldesmon (CALD) ELISA Kit; CALD1; CDM; H-CAD; L-CAD; NAG22; CALD rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	531
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.104ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALD rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CALD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CALD. 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 CALD, 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 $\pm$ 10nm. The concentration of CALD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6978589

NCBI GeneID	25687
NCBI Accession #	NP_037278.1
NCBI GenBank Nucleotide #	NM_013146.2
UniProt Accession #	Q62736
Molecular Weight	60,584 Da
NCBI Official Full Name	non-muscle caldesmon
NCBI Official Synonym Full Names	caldesmon 1
NCBI Official Symbol	Cald1
NCBI Official Synonym Symbols	I-Cad
NCBI Protein Information	non-muscle caldesmon
UniProt Protein Name	Non-muscle caldesmon
UniProt Gene Name	Cald1
UniProt Synonym Gene Names	CDM

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/rat-rtu-elisa-kits/caldesmon-cald/69503>