

Mouse CAD ELISA Kit | CAD elisa kit

Mouse CAD (Caspase Activated Dnase) ELISA Kit

CATALOG #
AAA164916

REACTIVITY
Mouse

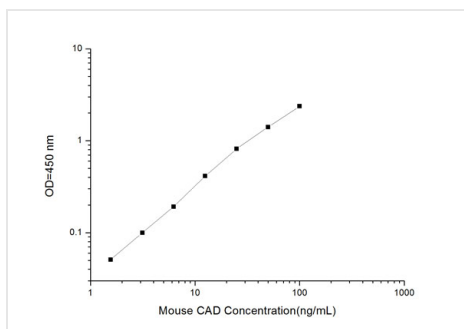
PRODUCT SYNONYMS

CAD; Mouse CAD (Caspase Activated Dnase) ELISA Kit; CAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse CAD. No significant cross-reactivity or interference between Mouse CAD and analogues was observed.
Sequence Length	338
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAD elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CAD concentrations in 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 CAD. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CAD 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 CAD, 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 CAD. You can calculate the concentration of CAD in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3410909
NCBI GeneID	1677
UniProt Accession #	O76075; O60521; Q5SR22; Q9BYI4; Q9BYI5; Q9BYI6
Molecular Weight	11,482 Da
NCBI Official Full Name	CAD
NCBI Official Synonym Full Names	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)
NCBI Official Symbol	DFFB
NCBI Official Synonym Symbols	CAD; CPAN; DFF2; DFF40; DFF-40
NCBI Protein Information	DNA fragmentation factor subunit beta; DNA fragmentation factor 40 kDa subunit; caspase-activated DNase; caspase-activated deoxyribonuclease; caspase-activated nuclease
UniProt Protein Name	DNA fragmentation factor subunit beta
UniProt Gene Name	DFFB
UniProt Synonym Gene Names	CAD; DFF2; DFF40; CAD; Caspase-activated DNase; CPAN; DFF-40
UniProt Entry Name	DFFB_HUMAN

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/mouse-elisa-kits/cad/164916>