

Human CAD ELISA Kit | CAD elisa kit

Human CAD (Caspase Activated Deoxyribonuclease) ELISA Kit

CATALOG #
AAA165418

REACTIVITY
Human

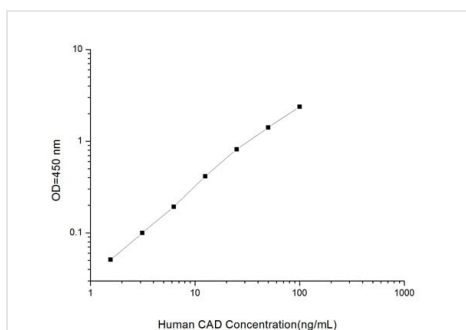
PRODUCT SYNONYMS

CAD; Human CAD (Caspase Activated Deoxyribonuclease) ELISA Kit; CAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CAD in samples. No significant cross-reactivity or interference between Human CAD and analogues was observed.
Sequence Length	338
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CAD were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CAD were tested on 3 different plates, 20 replicates in each plate.
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 Human CAD concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CAD. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CAD and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CAD, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human CAD. You can calculate the concentration of Human 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.