

Porcine Caspase Activated DNase ELISA Kit | CAD elisa kit

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CATALOG #
AAA96236

REACTIVITY
Porcine

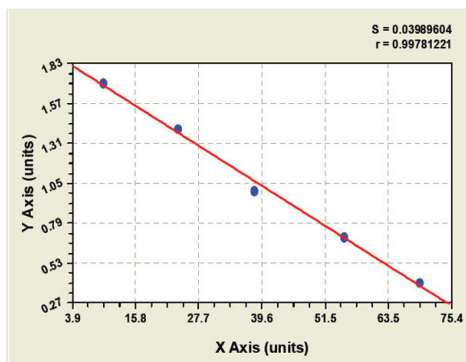
PRODUCT SYNONYMS

Caspase Activated DNase; Porcine Caspase Activated DNase ELISA Kit; CAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CAD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CAD. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAD elisa kit

Principle of the Assay: CAD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAD antibody and an CAD-HRP conjugate. The assay sample and buffer are incubated together with CAD-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 CAD concentration since CAD from samples and CAD-HRP conjugate compete for the anti-CAD antibody binding site. Since the number of sites is limited, as more sites are occupied by CAD from the sample, fewer sites are left to bind CAD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAD concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37962942
NCBI GeneID	1677
Molecular Weight	11,482 Da
NCBI Official Full Name	c-truncated caspase-activated DNase
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; caspase-activated DNase; caspase-activated nuclease; caspase-activated deoxyribonuclease; DNA fragmentation factor 40 kDa subunit
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.

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Online datasheet: <https://stage.aaabiotech.com/cad-porcine-elisa-kits/caspase-activated-dnase/96236>