

Canine Caspase 11 ELISA Kit | CASP11 elisa kit

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CATALOG #
AAA90385

REACTIVITY
Canine

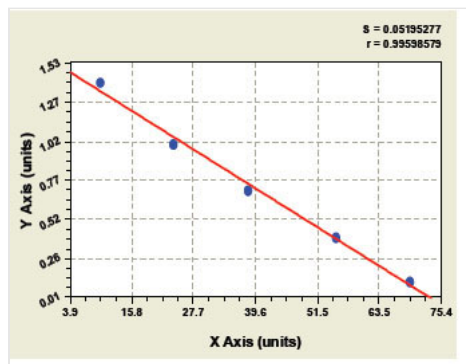
PRODUCT SYNONYMS

Caspase 11; Canine Caspase 11 ELISA Kit; CASP11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Caspase 11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Caspase 11. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP11 elisa kit

Principle of the Assay: Caspase 11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Caspase 11 antibody and an Caspase 11-HRP conjugate. The assay sample and buffer are incubated together with Caspase 11-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 Caspase 11 concentration since Caspase 11 from samples and Caspase 11-HRP conjugate compete for the anti-Caspase 11 antibody binding site. Since the number of sites is limited, as more sites are occupied by Caspase 11 from the sample, fewer sites are left to bind Caspase 11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Caspase 11 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157743265
NCBI GeneID	84433
NCBI Accession #	NP_115791.3
NCBI GenBank Nucleotide #	NM_032415.5
Molecular Weight	133,284 Da
NCBI Official Full Name	caspase recruitment domain-containing protein 11
NCBI Official Synonym Full Names	caspase recruitment domain family, member 11
NCBI Official Symbol	CARD11
NCBI Official Synonym Symbols	PPBL; BENTA; BIMP3; IMD11; CARMA1
NCBI Protein Information	caspase recruitment domain-containing protein 11; carma 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3
UniProt Protein Name	Caspase recruitment domain-containing protein 11
UniProt Gene Name	CARD11
UniProt Synonym Gene Names	CARMA1; Carma 1
UniProt Entry Name	CAR11_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.