

Chicken Caspase 11 ELISA Kit | CASP11 elisa kit

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CATALOG #
AAA89322

REACTIVITY
Chicken

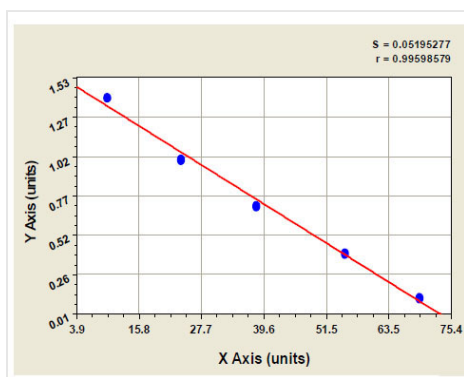
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Caspase-11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken 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.

Product Categories/Family for CASP11 elisa kit

[Epigenetics and Nuclear Signaling](#)

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.

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Online datasheet: <https://stage.aaabiotech.com/casp11-chicken-elisa-kits/caspase-11/89322>