

Mouse Caspase recruitment domain-containing protein 14 (CARD14) ELISA Kit | CARD14 elisa kit

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CATALOG # AAA245892	REACTIVITY Mouse
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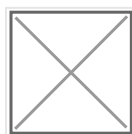
PRODUCT SYNONYMS

Caspase recruitment domain-containing protein 14 (CARD14); Mouse Caspase recruitment domain-containing protein 14 (CARD14) ELISA Kit; CARD14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CARD14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CARD14. 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 CARD14 elisa kit	Principle of the assay: CARD14 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CARD14 antibody and an CARD14-HRP conjugate. The assay sample and buffer are incubated together with CARD14-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 CARD14 concentration since CARD14 from samples and CARD14-HRP conjugate compete for the anti-CARD14 antibody binding site. Since the number of sites is limited, as more sites are occupied by CARD14 from the sample, fewer sites are left to bind CARD14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CARD14 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CARD14 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	332801087
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NCBI GeneID	79092
NCBI Accession #	NP_077015.2
NCBI GenBank Nucleotide #	NM_024110.4
Molecular Weight	48,505 Da
NCBI Official Full Name	caspase recruitment domain-containing protein 14 isoform 1
NCBI Official Synonym Full Names	caspase recruitment domain family, member 14
NCBI Official Symbol	CARD14
NCBI Official Synonym Symbols	PRP; PSS1; BIMP2; CARMA2; PSORS2
NCBI Protein Information	caspase recruitment domain-containing protein 14; carma 2; card-maguk protein 2; CARD-containing MAGUK protein 2; bcl10-interacting maguk protein 2
UniProt Protein Name	Caspase recruitment domain-containing protein 14
UniProt Gene Name	CARD14
UniProt Synonym Gene Names	CARMA2; Carma 2
UniProt Entry Name	CAR14_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/caspase-recruitment-domain-containing-protein-14-card14/245892>