

# Human Caspase recruitment domain containing protein 8 (CARD8) ELISA Kit | CARD8 elisa kit

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|------------------------------|----------------------------|
| CATALOG #<br><b>AAA27255</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|----------------------------|

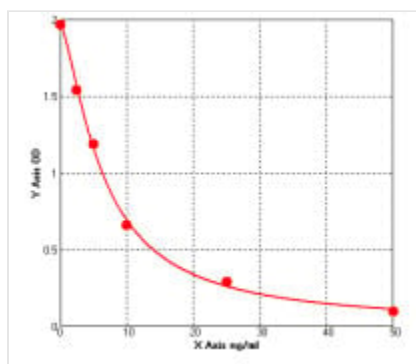
## PRODUCT SYNONYMS

Caspase recruitment domain containing protein 8 (CARD8); Human Caspase recruitment domain containing protein 8 (CARD8) ELISA Kit; CARD8 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of CARD8. No significant cross-reactivity or interference between CARD8 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CARD8 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CARD8 elisa kit | <p>Principle of the Assay: CARD8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CARD8 antibody and an CARD8-HRP conjugate. The assay sample and buffer are incubated together with CARD8-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 CARD8 concentration since CARD8 from samples and CARD8-HRP conjugate compete for the anti-CARD8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CARD8 from the sample, fewer sites are left to bind CARD8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CARD8 concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This CARD8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CARD8. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for CARD8 elisa kit   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 14424229                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 22900                                                                                                                                                                                                                                           |
| Molecular Weight                 | 60,652 Da                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | Caspase recruitment domain-containing protein 8                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | caspase recruitment domain family, member 8                                                                                                                                                                                                     |
| NCBI Official Symbol             | CARD8                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | NDPP; DACAR; DAKAR; NDPP1; TUCAN; CARDINAL                                                                                                                                                                                                      |
| NCBI Protein Information         | caspase recruitment domain-containing protein 8; apoptotic protein NDPP1; CARD inhibitor of NF-kappaB-activating ligands; tumor up-regulated CARD-containing antagonist of CASP9; tumor up-regulated CARD-containing antagonist of caspase nine |
| UniProt Protein Name             | Caspase recruitment domain-containing protein 8                                                                                                                                                                                                 |
| UniProt Gene Name                | CARD8                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | KIAA0955; NDPP1; CARDINAL; TUCAN                                                                                                                                                                                                                |
| UniProt Entry Name               | CARD8_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://www.aaabiotech.com/human-elisa-kits/caspase-recruitment-domain-containing-protein-8-card8/27255>