

Human PYD and CARD domain containing ELISA Kit | PYCARD elisa kit

Human Apoptosis-associated speck-like protein containing a CARD, PYCARD ELISA Kit

CATALOG #
AAA18155

REACTIVITY
Human

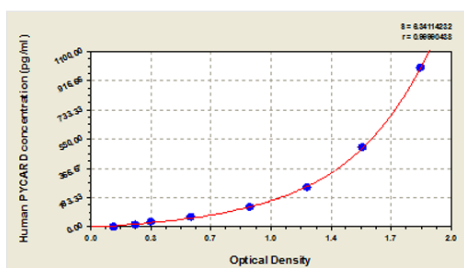
PRODUCT SYNONYMS

PYD and CARD domain containing; Human Apoptosis-associated speck-like protein containing a CARD; PYCARD ELISA Kit; Human Apoptosis-associated speck-like protein containing a CARD (PYCARD) ELISA kit; ASC; CARD5; MGC10332; TMS; TMS-1; TMS1; apoptosis-associated speck-like protein containing a CARD; caspase recruitment domain protein 5; target of methylation-induced silencing-1; PYCARD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PYCARD. No significant cross-reactivity or interference between human PYCARD and analogues was observed.
Sequence Length	195
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYCARD elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PYCARD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PYCARD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PYCARD is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PYCARD bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835256
NCBI GeneID	29108
NCBI Accession #	NP_037390.2
NCBI GenBank Nucleotide #	NM_013258.4
UniProt Accession #	Q9ULZ3; Q96D12; Q9BSZ5; Q9HBD0; Q9NXJ8
Molecular Weight	15,030 Da
NCBI Official Full Name	apoptosis-associated speck-like protein containing a CARD isoform a
NCBI Official Synonym Full Names	PYD and CARD domain containing
NCBI Official Symbol	PYCARD
NCBI Official Synonym Symbols	ASC; TMS; TMS1; CARD5; TMS-1
NCBI Protein Information	apoptosis-associated speck-like protein containing a CARD; target of methylation-induced silencing 1; caspase recruitment domain-containing protein 5
UniProt Protein Name	Apoptosis-associated speck-like protein containing a CARD
UniProt Gene Name	PYCARD
UniProt Synonym Gene Names	ASC; CARD5; TMS1; hASC
UniProt Entry Name	ASC_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/pycard-human-elisa-kits/pyd-and-card-domain-containing/18155>