

Sheep Apoptosis-associated speck-like protein containing a CARD (PYCARD) ELISA Kit | PYCARD elisa kit

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CATALOG # AAA245310	REACTIVITY Sheep
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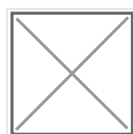
PRODUCT SYNONYMS

Apoptosis-associated speck-like protein containing a CARD (PYCARD); Sheep Apoptosis-associated speck-like protein containing a CARD (PYCARD) ELISA Kit; PYCARD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PYCARD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PYCARD. 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 PYCARD elisa kit	Principle of the assay: PYCARD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PYCARD antibody and an PYCARD-HRP conjugate. The assay sample and buffer are incubated together with PYCARD-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 PYCARD concentration since PYCARD from samples and PYCARD-HRP conjugate compete for the anti-PYCARD antibody binding site. Since the number of sites is limited, as more sites are occupied by PYCARD from the sample, fewer sites are left to bind PYCARD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PYCARD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PYCARD elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	22035620
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NCBI GeneID	29108
NCBI Accession #	NP_660183.1
NCBI GenBank Nucleotide #	NM_145182.2
Molecular Weight	15,030 Da
NCBI Official Full Name	apoptosis-associated speck-like protein containing a CARD isoform b
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/sheep-elisa-kits/apoptosis-associated-speck-like-protein-containing-a-card-pycard/245310>