

Canine CD9 antigen (CD9) ELISA Kit | CD9 elisa kit

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CATALOG #
AAA247074

REACTIVITY
Canine

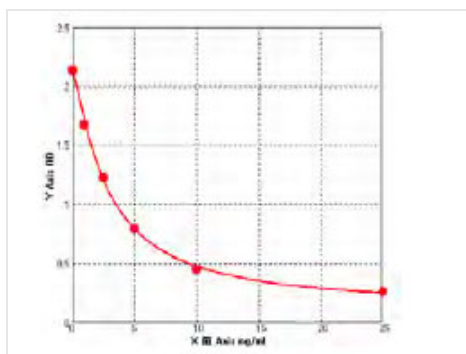
PRODUCT SYNONYMS

CD9 antigen (CD9); Canine CD9 antigen (CD9) ELISA Kit; CD9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD9 elisa kit

Intended Uses: This CD83 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CD83. This ELISA kit for research use only!

Principle of the Assay: CD83 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD83 antibody and an CD83-HRP conjugate. The assay sample and buffer are incubated together with CD83-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 CD83 concentration since CD83 from samples and CD83-HRP conjugate compete for the anti-CD83 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD83 from the sample, fewer sites are left to bind CD83-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD83 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD9 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502693
NCBI GeneID	928
NCBI Accession #	NP_001760.1
NCBI GenBank Nucleotide #	NM_001769.3
Molecular Weight	25,416 Da
NCBI Official Full Name	CD9 antigen
NCBI Official Synonym Full Names	CD9 molecule
NCBI Official Symbol	CD9
NCBI Official Synonym Symbols	MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29
NCBI Protein Information	CD9 antigen; 5H9 antigen; tetraspanin-29; BA-2/p24 antigen; CD9 antigen (p24); leukocyte antigen MIC3; motility related protein-1; cell growth-inhibiting gene 2 protein
UniProt Protein Name	CD9 antigen
UniProt Gene Name	CD9
UniProt Synonym Gene Names	MIC3; TSPAN29; GIG2; MRP-1; Tspan-29
UniProt Entry Name	CD9_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/canine-elisa-kits/cd9-antigen-cd9/247074>