

Canine Major vault protein ELISA Kit | MVP elisa kit

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CATALOG #
AAA94557

REACTIVITY
Canine

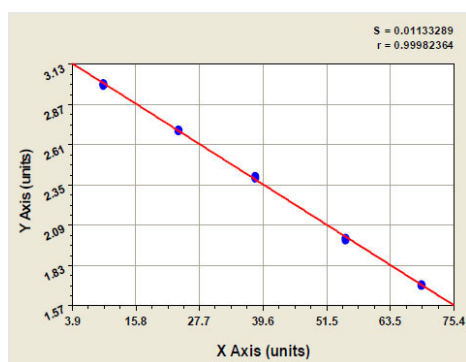
PRODUCT SYNONYMS

Major vault protein; Canine Major vault protein ELISA Kit; MVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This MVP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine MVP. 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 MVP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913412
NCBI GeneID	9961
NCBI Accession #	NP_005106.2
NCBI GenBank Nucleotide #	NM_005115.4
Molecular Weight	99,327 Da
NCBI Official Full Name	major vault protein isoform 1
NCBI Official Synonym Full Names	major vault protein
NCBI Official Symbol	MVP
NCBI Official Synonym Symbols	LRP; VAULT1
NCBI Protein Information	major vault protein; lung resistance-related protein
UniProt Protein Name	Major vault protein
UniProt Gene Name	MVP
UniProt Synonym Gene Names	LRP; MVP
UniProt Entry Name	MVP_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/mvp-canine-elisa-kits/major-vault-protein/94557>