

Canine Alpha-Granular membrane protein 140 ELISA Kit | GMP-140 elisa kit

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CATALOG #
AAA94041

REACTIVITY
Canine

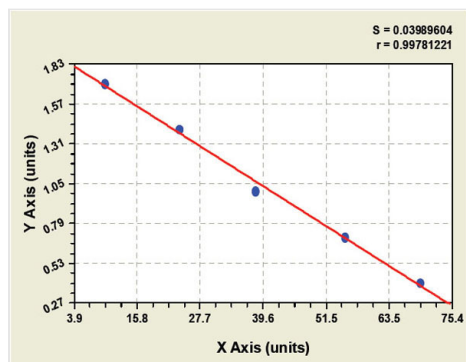
PRODUCT SYNONYMS

Alpha-Granular membrane protein 140; Canine Alpha-Granular membrane protein 140 ELISA Kit; GMP-140 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GMP-140 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GMP-140. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GMP-140 elisa kit	Principle of the Assay: GMP-140 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GMP-140 antibody and an GMP-140-HRP conjugate. The assay sample and buffer are incubated together with GMP-140-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 GMP-140 concentration since GMP-140 from samples and GMP-140-HRP conjugate compete for the anti-GMP-140 antibody binding site. Since the number of sites is limited, as more sites are occupied by GMP-140 from the sample, fewer sites are left to bind GMP-140-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GMP-140 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GMP-140 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	183389
NCBI GeneID	6403
Molecular Weight	90,834 Da
NCBI Official Full Name	granule membrane protein-140
NCBI Official Synonym Full Names	selectin P (granule membrane protein 140kDa, antigen CD62)
NCBI Official Symbol	SELP
NCBI Official Synonym Symbols	CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM
NCBI Protein Information	P-selectin; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein
UniProt Protein Name	P-selectin
UniProt Gene Name	SELP
UniProt Synonym Gene Names	GMRP; GRMP; GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_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/gmp-140-canine-elisa-kits/alpha-granular-membrane-protein-140/94041>