

Dog Cell Adhesion Molecule, GMP140 ELISA Kit | GMP140 elisa kit

Canine Cell Adhesion Molecule, GMP140 ELISA Kit

CATALOG #
AAA123079

REACTIVITY
Dog

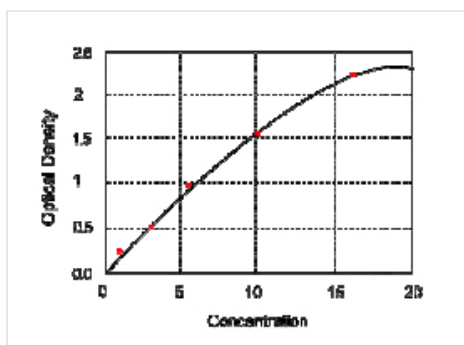
PRODUCT SYNONYMS

Cell Adhesion Molecule; GMP140; Canine Cell Adhesion Molecule; GMP140 ELISA Kit; GMP140 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Sequence Length	361
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml-400ng/ml
Sensitivity	0.66ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GMP140 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Calprotectin (also known as CALP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine CALP antibody. CALP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine CALP Antibody is added and binds to CALP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CALP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine CALP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	180130
NCBI GeneID	960
NCBI Official Full Name	cell adhesion molecule
NCBI Official Synonym Full Names	CD44 molecule (Indian blood group)
NCBI Official Symbol	CD44
NCBI Official Synonym Symbols	IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III
NCBI Protein Information	CD44 antigen

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/dog-elisa-kits/cell-adhesion-molecule-gmp140/123079>