

Canine Alpha-2-macroglobulin ELISA Kit | A2M elisa kit

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CATALOG #
AAA122883

REACTIVITY
Canine

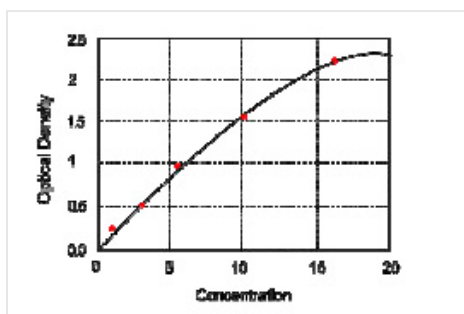
PRODUCT SYNONYMS

Alpha-2-macroglobulin; Canine Alpha-2-macroglobulin ELISA Kit; A2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	1510
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1mg/L-40mg/L
Sensitivity	0.045mg/L
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 A2M elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Alpha 2-microglobulin (also known as A2-MG) 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 A2-MG antibody. A2-MG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine A2-MG Antibody is added and binds to A2-MG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated A2-MG 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 A2-MG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157954061
NCBI GeneID	513856
NCBI Accession #	NP_001103265.1
NCBI GenBank Nucleotide #	NM_001109795.1
UniProt Accession #	Q7SIH1
NCBI Official Full Name	alpha-2-macroglobulin
NCBI Official Synonym Full Names	alpha-2-macroglobulin
NCBI Official Symbol	A2M
NCBI Protein Information	alpha-2-macroglobulin
UniProt Protein Name	Alpha-2-macroglobulin
UniProt Gene Name	A2M
UniProt Synonym Gene Names	Alpha-2-M
UniProt Entry Name	A2MG_BOVIN

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/alpha-2-macroglobulin/122883>