

Canine Alpha-2-Macroglobulin ELISA Kit | alpha2 MG elisa kit

Canine Alpha-2-Macroglobulin (alpha2 MG) ELISA Kit

CATALOG #
AAA181117

REACTIVITY
Canine

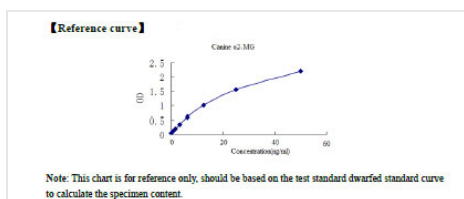
PRODUCT SYNONYMS

Alpha-2-Macroglobulin; Canine Alpha-2-Macroglobulin (alpha2 MG) ELISA Kit; Canine Alpha-2-Macroglobulin (a2 MG) ELISA Kit; alpha2 MG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	1474
Samples	Canine serum, plasma or cell culture supernatant and organizations in the natural and recombinant alpha2-MG concentration.
Assay Type	Sandwich
Detection Range	50 ng/ml-0.78 ng/ml
Sensitivity	Up to 0.1 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha2 MG elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Canine alpha2-MG monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

66932947

NCBI GeneID	2
NCBI Accession #	NP_000005.2
NCBI GenBank Nucleotide #	NM_000014.4
Molecular Weight	163,291 Da
NCBI Official Full Name	alpha-2-macroglobulin
NCBI Official Synonym Full Names	alpha-2-macroglobulin
NCBI Official Symbol	A2M
NCBI Official Synonym Symbols	A2MD; CPAMD5; FWP007; S863-7
NCBI Protein Information	alpha-2-macroglobulin
UniProt Protein Name	Alpha-2-macroglobulin
UniProt Gene Name	A2M
UniProt Synonym Gene Names	CPAMD5; Alpha-2-M
UniProt Entry Name	A2MG_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/alpha2-mg-canine-elisa-kits/alpha-2-macroglobulin/181117>