

Bovine alpha-2-macroglobulin ELISA Kit | A2M elisa kit

Bovine Alpha-2-macroglobulin, A2M ELISA Kit

CATALOG #
AAA112401

REACTIVITY
Bovine

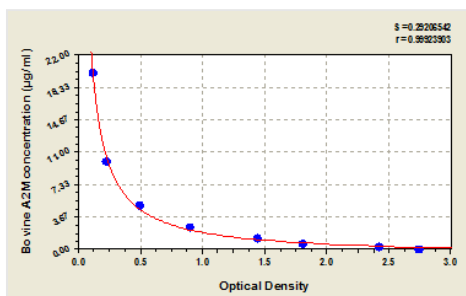
PRODUCT SYNONYMS

alpha-2-macroglobulin; Bovine Alpha-2-macroglobulin; A2M ELISA Kit; Bovine Alpha-2-macroglobulin (A2M) ELISA kit; CPAMD5; DKFZp779B086; FWP007; S863-7; ; A2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine A2M. No significant cross-reactivity or interference between Bovine A2M and analogues was observed.
Sequence Length	1510
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.312 ug/ml-20 ug/ml
Sensitivity	0.078 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for A2M elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with A2M. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for A2M. The competitive inhibition reaction is launched between with pre-coated A2M and A2M in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of A2M in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157954061
NCBI GeneID	513856
NCBI Accession #	NP_001103265.1
NCBI GenBank Nucleotide #	NM_001109795.1
UniProt Accession #	Q7SIH1; A8E647
Molecular Weight	167,576 Da
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; alpha-2-M
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://stage.aaabiotech.com/a2m-bovine-ovine-elisa-kits/alpha-2-macroglobulin/112401>