

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

Human alpha2 macroglobulin, alpha2 MG ELISA Kit

CATALOG #
AAA80215

REACTIVITY
Human

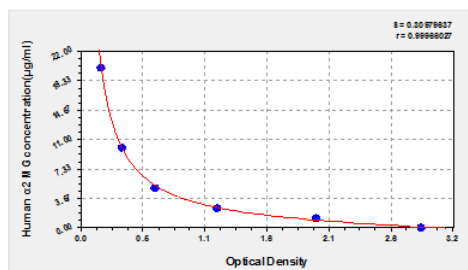
PRODUCT SYNONYMS

alpha-2-macroglobulin; Human alpha2 macroglobulin; alpha2 MG ELISA Kit; CPAMD5; DKFZp779B086; FWP007; S863-7; ; A2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human A2M. No significant cross-reactivity or interference between Human A2M and analogues was observed.
Sequence Length	1474
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	1.25 ug/ml-20 ug/ml
Sensitivity	1.25 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. An antibody specific to alpha2 MG has been pre-coated onto a microplate. Standards or samples are added to the appropriate microtiter plate wells with HRP-conjugated alpha2 MG and incubated. A competitive inhibition reaction is launched between alpha2 MG (Standards or samples) and HRP-conjugated alpha2 MG with the pre-coated antibody specific for alpha2 MG. The more amount of alpha2 MG in samples, the less antibody bound by HRP-conjugated alpha2 MG. Then the substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of alpha2 MG in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66932947
NCBI GeneID	2
NCBI Accession #	NP_000005.2
NCBI GenBank Nucleotide #	NM_000014.4
UniProt Accession #	P01023; Q13677; Q59F47; Q5QTS0; Q68DN2; Q6PIY3; Q6PN97
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; alpha-2-M; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5
UniProt Protein Name	Alpha-2-macroglobulin
UniProt Gene Name	A2M
UniProt Synonym Gene Names	CPAMD5; FWP007; 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/a2m-human-elisa-kits/alpha-2-macroglobulin/80215>