

Mouse alpha2 macroglobulin (alpha2-MG) ELISA Kit | alpha2-MG elisa kit

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CATALOG #
AAA121459

REACTIVITY
Mouse

PRODUCT SYNONYMS

alpha2 macroglobulin (alpha2-MG); Mouse alpha2 macroglobulin (alpha2-MG) ELISA Kit; alpha2-MG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	75
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5?g/ml - 150?g/ml
Sensitivity	0.24?g/ml
Intra-Assay	CV<8%
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 alpha2-MG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Alpha 2 Macroglobulin (also known as ?2-MG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ?2-MG antibody. ?2-MG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ?2-MG Antibody is added and binds to ?2-MG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ?2-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 Mouse ?2-MG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	825615
NCBI GeneID	2
UniProt Accession #	P01023; Q13677; Q59F47; Q5QTS0; Q68DN2; Q6PIY3; Q6PN97
Molecular Weight	163,291 Da
NCBI Official Full Name	alpha2-macroglobulin, partial
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

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/mouse-elisa-kits/alpha2-macroglobulin-alpha2-mg/121459>