

Mouse Alpha-2-Macroglobulin (a2M) RTU ELISA Kit | a2M rtu elisa kit

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CATALOG #
AAA68782

REACTIVITY
Mouse

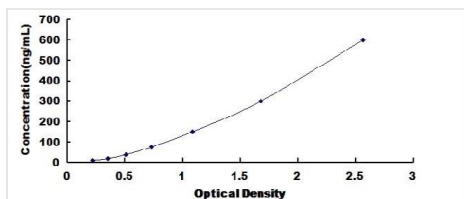
PRODUCT SYNONYMS

Alpha-2-Macroglobulin (a2M); Mouse Alpha-2-Macroglobulin (a2M) ELISA Kit; A2MG; A2mg; CPAMD5; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; a2M rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1474
Assay Type	Sandwich
Samples	Serum, Plasma, Urine or Other Biological Fluids.
Detection Range	9.37-600ng/mL
Sensitivity	3.7ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for a2M rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to a2M. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to a2M. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain a2M, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of a2M in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148277039
NCBI GeneID	232345
NCBI Accession #	NP_783327.2
NCBI GenBank Nucleotide #	NM_175628.3
UniProt Accession #	Q6GQT1; Q811S0; E9QMQ7
Molecular Weight	164,353 Da
NCBI Official Full Name	alpha-2-macroglobulin-P
NCBI Official Synonym Full Names	alpha-2-macroglobulin
NCBI Official Symbol	A2m
NCBI Official Synonym Symbols	A2mp
NCBI Protein Information	alpha-2-macroglobulin-P
UniProt Protein Name	Alpha-2-macroglobulin-P
UniProt Gene Name	A2m

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/mouse-rtu-elisa-kits/alpha-2-macroglobulin-a2m/68782>