

Human a2M (Alpha-2-Macroglobulin) ELISA Kit | a2M elisa kit

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CATALOG #
AAA278037

REACTIVITY
Human

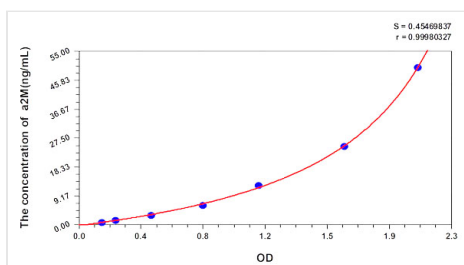
PRODUCT SYNONYMS

a2M (Alpha-2-Macroglobulin); Human a2M (Alpha-2-Macroglobulin) ELISA Kit; alpha2MG; alpha2Mg; CPAMD5; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; a2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, urine and other biological fluids
Detection Range	1.57-100ug/mL
Sensitivity	0.48ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for a2M elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human a2M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 +/- 10nm. The concentration of Human a2M in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for a2M elisa kit

[Tumor immunity](#); [Infection immunity](#); [Hematology](#)

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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/a2m-alpha-2-macroglobulin/278037>