

Human Alpha-2-Microglobulin Like Protein 1 (a2ML1) ELISA Kit | a2ML1 elisa kit

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CATALOG #
AAA67005

REACTIVITY
Human

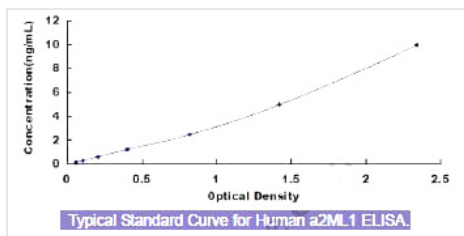
PRODUCT SYNONYMS

Alpha-2-Microglobulin Like Protein 1 (a2ML1); Human Alpha-2-Microglobulin Like Protein 1 (a2ML1) ELISA Kit; CPAMD9; C3 And PZP-Like; Alpha-2-Macroglobulin Domain Containing 9; a2ML1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of a2ML1. No significant cross-reactivity or interference between a2ML1 and analogues was observed.
Sequence Length	963
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.067ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level a2ML1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level a2ML1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for a2ML1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of a2ML1 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to a2ML1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to a2ML1. 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 a2ML1, 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 a2ML1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	539846446
NCBI GeneID	144568
NCBI Accession #	NP_001269353.1
NCBI GenBank Nucleotide #	NM_001282424.2
UniProt Accession #	A8K2U0; Q2M224; Q6ZW52; Q6ZW53; Q8N1M4; Q96LQ8; B5MDD1; B7Z7V4; D3DUV3; F5H2Z2
Molecular Weight	105,968 Da
NCBI Official Full Name	alpha-2-macroglobulin-like protein 1 isoform 2
NCBI Official Synonym Full Names	alpha-2-macroglobulin like 1
NCBI Official Symbol	A2ML1
NCBI Official Synonym Symbols	p170; CPAMD9
NCBI Protein Information	alpha-2-macroglobulin-like protein 1
UniProt Protein Name	Alpha-2-macroglobulin-like protein 1
UniProt Gene Name	A2ML1

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/human-elisa-kits/alpha-2-microglobulin-like-protein-1-a2ml1/67005>