

Rat Alpha-1-macroglobulin, Alpha-1-M ELISA Kit | Alpha-1-M elisa kit

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CATALOG #
AAA120838

REACTIVITY
Rat

PRODUCT SYNONYMS

Alpha-1-macroglobulin; Alpha-1-M; Rat Alpha-1-macroglobulin; Alpha-1-M ELISA Kit; Alpha-1-M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1500
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/ml - 4000ng/ml
Sensitivity	9.32ng/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 Alpha-1-M elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Alpha-1-Macroglobulin (also known as Alpha-1-M) 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 Rat Alpha-1-M antibody. Alpha-1-M present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Alpha-1-M Antibody is added and binds to Alpha-1-M in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Alpha-1-M 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 Rat Alpha-1-M. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	307746876
NCBI GeneID	252922
NCBI Accession #	NP_665722.2
NCBI GenBank Nucleotide #	NM_145779.2
UniProt Accession #	Q63041; Q63332
Molecular Weight	167,125 Da
NCBI Official Full Name	alpha-1-macroglobulin
NCBI Official Synonym Full Names	pregnancy-zone protein
NCBI Official Symbol	Pzp
NCBI Official Synonym Symbols	A1m
NCBI Protein Information	alpha-1-macroglobulin
UniProt Protein Name	Alpha-1-macroglobulin
UniProt Gene Name	A1m
UniProt Synonym Gene Names	Alpha-1-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/rat-elisa-kits/alpha-1-macroglobulin-alpha-1-m/120838>