

Human alpha 1-Microglobulin ELISA Kit | AMBP elisa kit

Human alpha 1-Microglobulin ELISA Kit

CATALOG #
AAA76909

REACTIVITY
Human

PRODUCT SYNONYMS

alpha 1-Microglobulin; Human alpha 1-Microglobulin ELISA Kit; Human alpha 1-Microglobulin; AMBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Human biological samples
Assay Type	Sandwich
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for AMBP elisa kit	Intended Uses: The A1M test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring A1M in human biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use. Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the Alpha 1-Microglobulin (A1M) present in samples reacts with the anti-A1M antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-A1M antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound A1M. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of A1M in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of A1M in the test sample. The quantity of A1M in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.
Product Categories/Family for AMBP elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	579676
NCBI GeneID	259
UniProt Accession #	P02760 ; P00977 ; P02759 ; P78491 ; Q2TU33 ; Q5TBD7 ; Q9UC58 ; Q9UDI8 ; P78492
Molecular Weight	38,999 Da
NCBI Official Full Name	alpha-1-microglobulin
NCBI Official Synonym Full Names	alpha-1-microglobulin/bikunin precursor
NCBI Official Symbol	AMBP
NCBI Official Synonym Symbols	A1M; HCP; ITI; UTI; EDC1; HI30; ITIL; IATIL; ITILC; AMBP
NCBI Protein Information	protein AMBP; bikunin; uristatin; protein HC; trypstatin; uronic-acid-rich protein; growth-inhibiting protein 19; inter-alpha-trypsin inhibitor light chain; complex-forming glycoprotein heterogeneous in charge

UniProt Protein Name	Protein AMBP
UniProt Gene Name	AMBP
UniProt Synonym Gene Names	HCP; ITIL
UniProt Entry Name	AMBP_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/alpha-1-microglobulin/76909>