

Human alpha 1 microglobulin ELISA Kit | AMBP elisa kit

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CATALOG #
AAA248354

REACTIVITY
Human

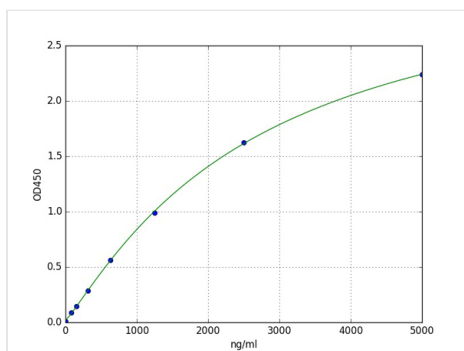
PRODUCT SYNONYMS

alpha 1 microglobulin; Human alpha 1 microglobulin ELISA Kit; AMBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	151
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMBP elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-alpha 1 microglobulin antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-alpha 1 microglobulin antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the alpha 1 microglobulin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of alpha 1 microglobulin can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	579676
NCBI GeneID	259
UniProt Accession #	P02760; P00977; P02759; P78491; Q2TU33; Q5TBD7; Q9UC58; Q9UDI8
Molecular Weight	38,999 Da
NCBI Official Full Name	alpha-1-microglobulin, partial
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
NCBI Protein Information	protein AMBP
UniProt Protein Name	Protein AMBP
UniProt Gene Name	AMBP
UniProt Synonym Gene Names	HCP; ITIL; Protein HC; ITI-LC

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-1-microglobulin/248354>