

Human alpha-1-microglobulin/bikunin precursor ELISA Kit | AMBP elisa kit

Human alpha-1-microglobulin/bikunin precursor, AMBP ELISA Kit

CATALOG #
AAA79968

REACTIVITY
Human

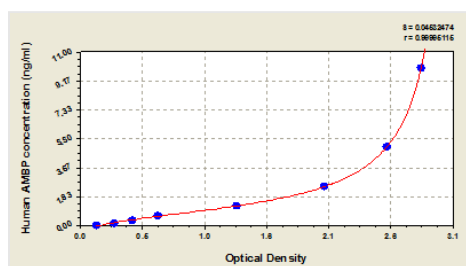
PRODUCT SYNONYMS

alpha-1-microglobulin/bikunin precursor; Human alpha-1-microglobulin/bikunin precursor; AMBP ELISA Kit; A1M; EDC1; HCP; HI30; IATIL; ITI; ITIL; ITILC; UTI; alpha-1-microglobulin/bikunin; bikunin; complex-forming glycoprotein heterogeneous in charge; growth-inhibiting protein 19; inter-alpha-trypsin inhibi; AMBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human AMBP. No significant cross-reactivity or interference between Human AMBP and analogues was observed.
Sequence Length	352
Samples	Serum, urine
Assay Type	Competitive
Detection Range	0.05 ug/ml-20 ug/ml
Sensitivity	0.02 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Host-virus interaction
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMBP elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to AMBP has been pre-coated onto a microplate. Standards or samples are added to the appropriate microtiter plate wells with HRP-conjugated AMBP and incubated. A competitive inhibition reaction is launched between AMBP (Standards or samples) and HRP-conjugated AMBP with the pre-coated antibody specific for AMBP. The more amount of AMBP in samples, the less antibody bound by HRP-conjugated AMBP. Then the substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of AMBP in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502067
NCBI GeneID	259
NCBI Accession #	NP_001624.1
NCBI GenBank Nucleotide #	NM_001633.3
UniProt Accession #	P02760; P00977; P02759; P78491; Q2TU33; Q5TBD7; Q9UC58; Q9UDI8
Molecular Weight	38,999 Da
NCBI Official Full Name	protein AMBP preproprotein
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; 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; Protein HC; ITI-LC
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://stage.aaabiotech.com/ambp-human-elisa-kits/alpha-1-microglobulin-bikunin-precursor/79968>