

Mouse alpha-1-microglobulin/bikunin precursor (AMBP) ELISA Kit | AMBP elisa kit

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

CATALOG #
AAA80008

REACTIVITY
Mouse

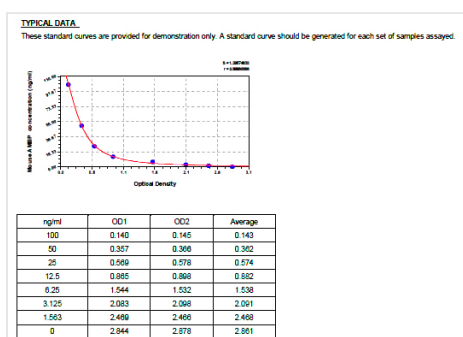
PRODUCT SYNONYMS

alpha-1-microglobulin/bikunin precursor (AMBP); Mouse alpha-1-microglobulin/bikunin precursor; AMBP ELISA Kit; Mouse 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; Mouse alpha-1-microglobulin/bikunin precursor (AMBP); AMBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse AMBP. No significant cross-reactivity or interference between mouse AMBP and analogues was observed.
Sequence Length	349
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	1.563 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of mouse AMBP is typically less than 0.649 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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. The microtiter plate provided in this kit has been pre-coated with AMBP. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for AMBP. The competitive inhibition reaction is launched between with pre-coated AMBP and AMBP in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of AMBP in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680684
NCBI GeneID	11699
NCBI Accession #	NP_031469.1
NCBI GenBank Nucleotide #	NM_007443.3
UniProt Accession #	Q07456; Q61294; Q925W1; Q9DBJ9
Molecular Weight	39,029 Da
NCBI Official Full Name	protein AMBP
NCBI Official Synonym Full Names	alpha 1 microglobulin/bikunin
NCBI Official Symbol	Ambp
NCBI Official Synonym Symbols	UTI; ASPI; Itil; HI-30; Intin4; AI194774
NCBI Protein Information	protein AMBP; polypeptide; ulinastatin; Urinary Trypsin Inhibitor
UniProt Protein Name	Protein AMBP
UniProt Gene Name	Ambp
UniProt Synonym Gene Names	Itil; ITI-LC
UniProt Entry Name	AMBP_MOUSE

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/mouse-elisa-kits/alpha-1-microglobulin-bikunin-precursor-ambp/80008>