

Mouse Adipocyte enhancer-binding protein 1 ELISA Kit | Aebp1 elisa kit

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CATALOG #
AAA97815

REACTIVITY
Mouse

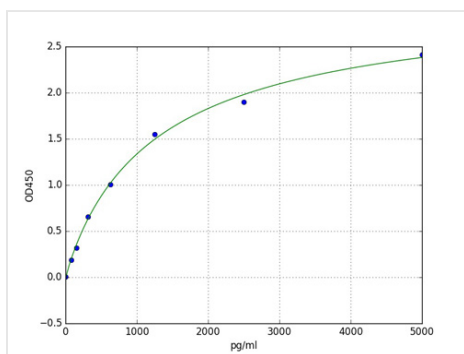
PRODUCT SYNONYMS

Adipocyte enhancer-binding protein 1; Mouse Adipocyte enhancer-binding protein 1 ELISA Kit; Aebp1/Aclp/Adipocyte enhancer-binding protein 1 (AE-binding protein 1)/Aortic carboxypeptidase-like protein; Aebp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1158
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Mouse Aebp1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.186	0.282	0.662	0.993	1.865	1.544	1.923

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aebp1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Aebp1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Aebp1 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 Mouse Aebp1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Aebp1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	53692189
NCBI GeneID	165
NCBI Accession #	NP_001120.3
NCBI GenBank Nucleotide #	NM_001129.4
Molecular Weight	82,183 Da
NCBI Official Full Name	adipocyte enhancer-binding protein 1
NCBI Official Synonym Full Names	AE binding protein 1
NCBI Official Symbol	AEBP1
NCBI Official Synonym Symbols	ACLP
NCBI Protein Information	adipocyte enhancer-binding protein 1
UniProt Protein Name	Adipocyte enhancer-binding protein 1
UniProt Gene Name	AEBP1
UniProt Synonym Gene Names	ACLP; AE-binding protein 1
UniProt Entry Name	AEBP1_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/aebp1-mouse-elisa-kits/adipocyte-enhancer-binding-protein-1/97815>