

Mouse Adipocyte enhancer-binding protein 1 (AEBP1) ELISA Kit | AEBP1 elisa kit

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CATALOG #
AAA244940

REACTIVITY
Mouse

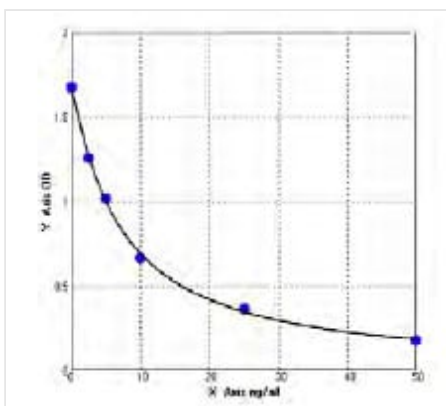
PRODUCT SYNONYMS

Adipocyte enhancer-binding protein 1 (AEBP1); Mouse Adipocyte enhancer-binding protein 1 (AEBP1) ELISA Kit; AEBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of AEBP1. No significant cross-reactivity or interference between AEBP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AEBP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AEBP1 elisa kit	Intended Uses: This AEBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AEBP1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: AEBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-AEBP1 antibody and an AEBP1-HRP conjugate. The assay sample and buffer are incubated together with AEBP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AEBP1 concentration since AEBP1 from samples and AEBP1-HRP conjugate compete for the anti-AEBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AEBP1 from the sample, fewer sites are left to bind AEBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AEBP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AEBP1 elisa kit	Epigenetics and Nuclear Signaling

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; aortic carboxypeptidase-like protein
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/mouse-elisa-kits/adipocyte-enhancer-binding-protein-1-aebp1/244940>