

Mouse C/EBPalpa (CCAAT/Enhancer Binding Protein Alpha) ELISA Kit | C/EBPalpa elisa kit

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CATALOG # AAA250918	REACTIVITY Mouse
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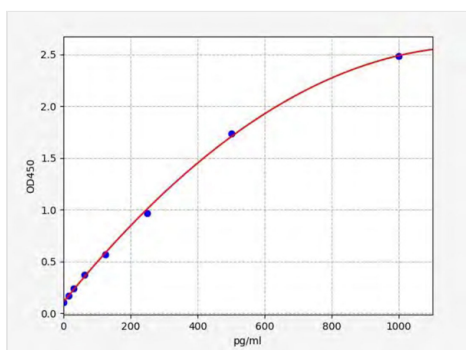
PRODUCT SYNONYMS

C/EBPalpa (CCAAT/Enhancer Binding Protein Alpha); Mouse C/EBPalpa (CCAAT/Enhancer Binding Protein Alpha) ELISA Kit; C/EBPalpa; CCAAT/Enhancer Binding Protein Alpha; C/EBPalpa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize C/EBPalpa, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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 C/EBPalpha elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti C/EBPalpha antibody was pre-coated onto the 96-well plate. The biotin conjugated anti C/EBPalpha antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with C/EBPalpha conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of C/EBPalpha in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86198301
NCBI GeneID	12606
NCBI Accession #	NP_031704.2
NCBI GenBank Nucleotide #	NM_007678.3
UniProt Accession #	P53566; Q91XB6
Molecular Weight	37,430 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein alpha isoform a
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), alpha
NCBI Official Symbol	Cebpa
NCBI Official Synonym Symbols	Cebp; CBF-A; C/ebpalpha
NCBI Protein Information	CCAAT/enhancer-binding protein alpha; C/EBP alpha
UniProt Protein Name	CCAAT/enhancer-binding protein alpha
UniProt Gene Name	Cebpa
UniProt Synonym Gene Names	C/EBP alpha
UniProt Entry Name	CEBPA_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/c-ebpalpha-ccaat-enhancer-binding-protein-alpha/250918>