

Human CCAAT/Enhancer Binding Protein Alpha ELISA Kit | C/EBPalpha elisa kit

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CATALOG #
AAA101488

REACTIVITY
Human

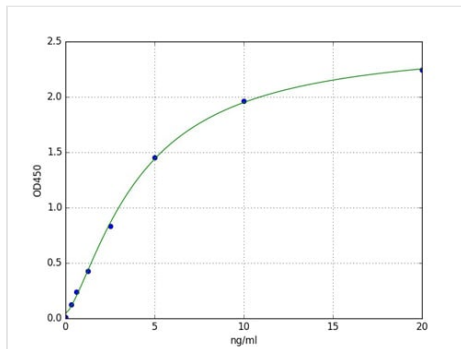
PRODUCT SYNONYMS

CCAAT/Enhancer Binding Protein Alpha; Human CCAAT/Enhancer Binding Protein Alpha ELISA Kit; C/EBPalpha ; C/EBPalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	357
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Human EBPα 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	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.148	0.184	0.250	0.288	0.539	1.008	1.464	2.085

Standard Curve (Sample)

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-Human EBPalpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EBPalpha 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 Human EBPalpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EBPalpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1877205
NCBI GeneID	1050
UniProt Accession #	P49715; P78319; Q05CA4; A7LNP2
Molecular Weight	41,249 Da
NCBI Official Full Name	CCAAT/enhancer binding protein alpha
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein alpha
NCBI Official Symbol	CEBPA
NCBI Official Synonym Symbols	CEBP; C/EBP-alpha
NCBI Protein Information	CCAAT/enhancer-binding protein alpha
UniProt Protein Name	CCAAT/enhancer-binding protein alpha
UniProt Gene Name	CEBPA
UniProt Synonym Gene Names	C/EBP alpha
UniProt Entry Name	CEBPA_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/c-ebpalph-human-elisa-kits/ccaat-enhancer-binding-protein-alpha/101488>