

Human CCAAT/enhancer-binding protein epsilon ELISA Kit | CEBPE elisa kit

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CATALOG #
AAA100465

REACTIVITY
Human

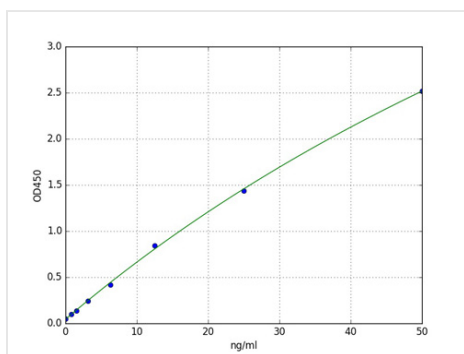
PRODUCT SYNONYMS

CCAAT/enhancer-binding protein epsilon; Human CCAAT/enhancer-binding protein epsilon ELISA Kit; CEBPE (CCAAT/enhancer-binding protein epsilon)/C/EBP-epsilon/CRP1C/EBP epsilon; CEBPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	281
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CEBPE 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.078	0.138	0.190	0.262	0.491	0.901	1.398	2.215

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEBPE elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872800
NCBI GeneID	1053
NCBI Accession #	NP_001796.2
NCBI GenBank Nucleotide #	NM_001805.3
Molecular Weight	30,603 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein epsilon
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein epsilon
NCBI Official Symbol	CEBPE
NCBI Official Synonym Symbols	CRP1; C/EBP-epsilon
NCBI Protein Information	CCAAT/enhancer-binding protein epsilon
UniProt Protein Name	CCAAT/enhancer-binding protein epsilon
UniProt Gene Name	CEBPE
UniProt Synonym Gene Names	C/EBP epsilon
UniProt Entry Name	CEBPE_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/cebpe-human-elisa-kits/caat-enhancer-binding-protein-epsilon/100465>