

Human C/EBPepsilon ELISA Kit | C/EBPepsilon elisa kit

Human C/EBPepsilon (CCAAT/Enhancer Binding Protein, Epsilon) ELISA Kit

CATALOG #
AAA164501

REACTIVITY
Human

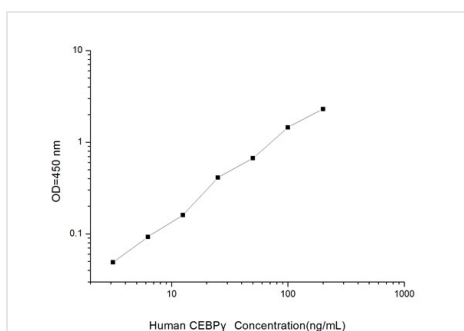
PRODUCT SYNONYMS

C/EBPepsilon; Human C/EBPepsilon (CCAAT/Enhancer Binding Protein; Epsilon) ELISA Kit; C/EBPepsilon elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human C/EBPepsilon. No significant cross-reactivity or interference between Human C/EBPepsilon and analogues was observed.
Sequence Length	281
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C/EBPepsilon elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human C/EBPepsilon concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to C/EBPepsilon. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for C/EBPepsilon and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain C/EBPepsilon, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of C/EBPepsilon. You can calculate the concentration of C/EBPepsilon in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28872800
NCBI GeneID	1053
NCBI Accession #	NP_001796.2
NCBI GenBank Nucleotide #	NM_001805.3
UniProt Accession #	Q15744; Q15745; Q8IY12; Q99803
Molecular Weight	30,603 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein epsilon
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), epsilon
NCBI Official Symbol	CEBPE
NCBI Official Synonym Symbols	CRP1; C/EBP-epsilon
NCBI Protein Information	CCAAT/enhancer-binding protein epsilon; c/EBP 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.