

Mouse CCAAT/enhancer binding protein deta, C/EBPdelta ELISA Kit | CEBPD elisa kit

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CATALOG #
AAA244898

REACTIVITY
Mouse

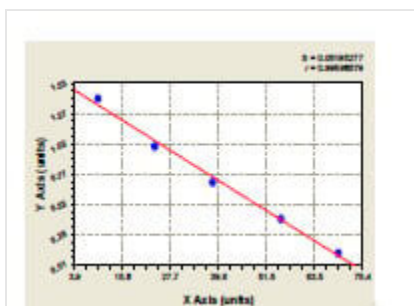
PRODUCT SYNONYMS

CCAAT/enhancer binding protein deta; C/EBPdelta; Mouse CCAAT/enhancer binding protein deta; C/EBPdelta ELISA Kit; C/EBPd ELISA Kit; CEBPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 CEBPD elisa kit

Intended Uses: This CEBPDelta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CEBPDelta.

Principle of the Assay: CEBPDelta ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CEBPdelta antibody and an CEBPDelta -HRP conjugate. The assay sample and buffer are incubated together with CEBPDelta -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 CEBPDelta concentration since CEBPDelta from samples and CEBPDelta -HRP conjugate compete for the anti-CEBPdelta antibody binding site. Since the number of sites is limited, as more sites are occupied by CEBPDelta from the sample, fewer sites are left to bind CEBPDelta -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEBPDelta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CEBPD elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872798
NCBI GeneID	1052
NCBI Accession #	NP_005186.2
NCBI GenBank Nucleotide #	NM_005195.3
Molecular Weight	28,467 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein delta
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), delta
NCBI Official Symbol	CEBPD
NCBI Official Synonym Symbols	CELF; CRP3; C/EBP-delta; NF-IL6-beta
NCBI Protein Information	CCAAT/enhancer-binding protein delta; c/EBP delta; nuclear factor NF-IL6-beta
UniProt Protein Name	CCAAT/enhancer-binding protein delta
UniProt Gene Name	CEBPD
UniProt Synonym Gene Names	C/EBP delta; NF-IL6-beta
UniProt Entry Name	CEBPD_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/cebpd-mouse-elisa-kits/ccaat-enhancer-binding-protein-deta-c-ebpdelta/244898>