

Human CEBPD (CCAAT/enhancer Binding Protein (C/EBP), delta) ELISA Kit | CEBPD elisa kit

Human CEBPD (CCAAT/enhancer Binding Protein (C/EBP), delta)

CATALOG #
AAA102596

REACTIVITY
Human

PRODUCT SYNONYMS

CEBPD (CCAAT/enhancer Binding Protein (C/EBP); delta); Human CEBPD (CCAAT/enhancer Binding Protein (C/EBP); CELF/CRP3; C/EBP-delta/NF-IL6-beta; CEBPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CEBPD . No significant cross-reactivity or interference between CEBPD and analogues was observed.
Sequence Length	269
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CEBPDwere tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CEBPDwere tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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 CEBPD 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	pg/ml	0	31.25	62.5	125	250	500	1000	2000
Y	OD450	0.068	0.103	0.153	0.213	0.353	0.624	1.215	1.945

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEBPD elisa kit

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

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 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
UniProt Protein Name	CCAAT/enhancer-binding protein delta
UniProt Gene Name	CEBPD
UniProt Synonym Gene Names	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cebpd-ccaat-enhancer-binding-protein-c-ebp-delta/102596>