

Rat CCAAT/enhancer binding protein beta, C/EBPbeta ELISA Kit | C/EBPbeta elisa kit

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CATALOG #
AAA41690

REACTIVITY
Rat

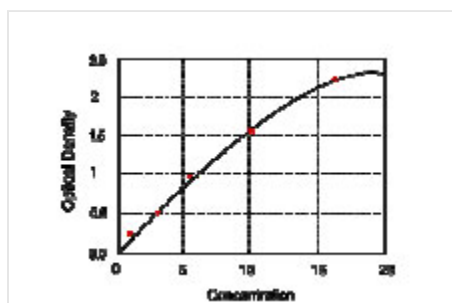
PRODUCT SYNONYMS

CCAAT/enhancer binding protein beta; C/EBPbeta; Rat CCAAT/enhancer binding protein beta; C/EBPbeta ELISA Kit; C/EBPbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	345
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	10-2000ng/L
Sensitivity	5.56ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C/EBPbeta elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat CCAAT/enhancer binding protein beta (also known as C/EBPbeta) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat C/EBPbeta antibody. C/EBPbeta present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat C/EBPbeta Antibody is added and binds to C/EBPbeta in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated C/EBPbeta antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat C/EBPbeta. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28872796
NCBI GeneID	1051
NCBI Accession #	NP_005185.2
NCBI GenBank Nucleotide #	NM_005194.3
UniProt Accession #	P17676; Q96IH2; Q9H4Z5; A8K671
Molecular Weight	33,592 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein beta isoform a
NCBI Official Synonym Full Names	CCAAT enhancer binding protein beta
NCBI Official Symbol	CEBPB
NCBI Official Synonym Symbols	TCF5; IL6DBP; NF-IL6; C/EBP-beta
NCBI Protein Information	CCAAT/enhancer-binding protein beta
UniProt Protein Name	CCAAT/enhancer-binding protein beta
UniProt Gene Name	CEBPB
UniProt Synonym Gene Names	TCF5; C/EBP betaImportedManual assertion inferred from database entriesHGNC:1834; LAP; LIP; TCF-5

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/rat-elisa-kits/ccaat-enhancer-binding-protein-beta-c-ebpbeta/41690>