

Rat CCAAT/Enhancer Binding Protein Gamma ELISA Kit | CEBPgamma elisa kit

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CATALOG #
AAA86016

REACTIVITY
Rat

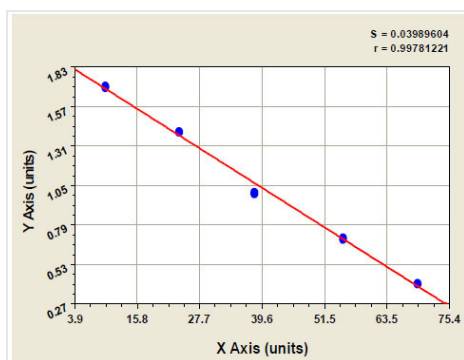
PRODUCT SYNONYMS

CCAAT/Enhancer Binding Protein Gamma; Rat CCAAT/Enhancer Binding Protein Gamma ELISA Kit; CEBPgamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CEBP? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CEBP?. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEBPgamma elisa kit

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

Product Categories/Family for CEBPgamma elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	356582519
NCBI GeneID	1054
NCBI Accession #	NP_001239225.1
NCBI GenBank Nucleotide #	NM_001252296.1
Molecular Weight	16,408 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein gamma
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), gamma
NCBI Official Symbol	CEBPG
NCBI Official Synonym Symbols	GPE1BP; IG/EBP-1
NCBI Protein Information	CCAAT/enhancer-binding protein gamma; c/EBP gamma
UniProt Protein Name	CCAAT/enhancer-binding protein gamma
UniProt Gene Name	CEBPG
UniProt Synonym Gene Names	C/EBP gamma
UniProt Entry Name	CEBPG_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/cebpgamma-rat-elisa-kits/ccaat-enhancer-binding-protein-gamma/86016>