

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

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CATALOG #
AAA96192

REACTIVITY
Chicken

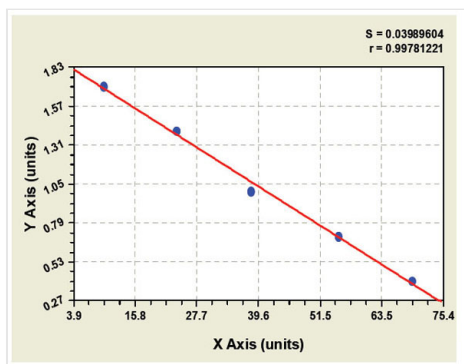
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CEBPgamma ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CEBPgamma. This ELISA kit for research use only, not for therapeutic applications
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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: CEBPgamma ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CEBPgamma antibody and an CEBPgamma-HRP conjugate. The assay sample and buffer are incubated together with CEBPgamma-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 CEBPgamma concentration since CEBPgamma from samples and CEBPgamma-HRP conjugate compete for the anti-CEBPgamma antibody binding site. Since the number of sites is limited, as more sites are occupied by CEBPgamma from the sample, fewer sites are left to bind CEBPgamma-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEBPgamma concentration in each sample is interpolated from this standard curve.

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-chicken-elisa-kits/ccaat-enhancer-binding-protein-gamma/96192>