

Goat CCAAT/Enhancer binding protein alpha ELISA Kit | C/EBPalpha elisa kit

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CATALOG #
AAA94242

REACTIVITY
Goat

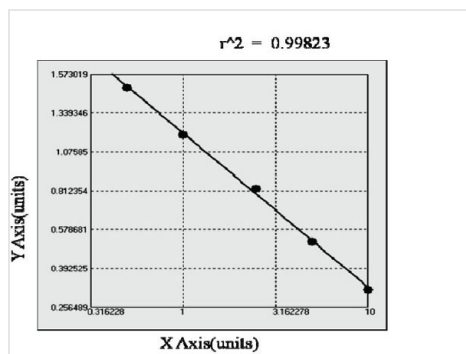
PRODUCT SYNONYMS

CCAAT/Enhancer binding protein alpha; Goat CCAAT/Enhancer binding protein alpha ELISA Kit; Goat CCAAT/Enhancer binding protein a ELISA Kit; C/EBPalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This C/EBPalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat C/EBPalpha. 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 C/EBPalpha elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872794
NCBI GeneID	1050
NCBI Accession #	NP_004355.2
NCBI GenBank Nucleotide #	NM_004364.4
Molecular Weight	37,561 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein alpha isoform a
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), alpha
NCBI Official Symbol	CEBPA
NCBI Official Synonym Symbols	CEBP; C/EBP-alpha
NCBI Protein Information	CCAAT/enhancer-binding protein alpha
UniProt Protein Name	CCAAT/enhancer-binding protein alpha
UniProt Gene Name	CEBPA
UniProt Synonym Gene Names	C/EBP alpha
UniProt Entry Name	CEBPA_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/c-ebpalphagoat-elisa-kits/ccaat-enhancer-binding-protein-alpha/94242>