

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

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CATALOG #  
**AAA87148**

REACTIVITY  
**Rabbit**

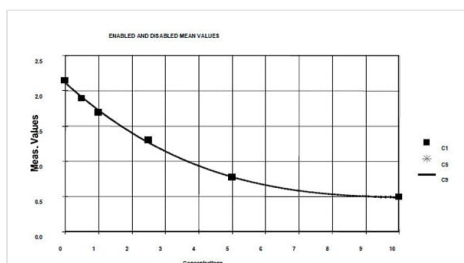
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                    |
| Samples                 | Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma |
| 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

**For Samples:** Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

**Intended Uses:** This C.ALBICANS ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of C.ALBICANS in the sample, this C.ALBICANS ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus C.ALBICANS concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Principle of the Assay:** The coated well immunoenzymatic assay for the quantitative measurement of C.ALBICANS utilizes a monoclonal anti-C.ALBICANS antibody and an C.ALBICANS-HRP conjugate. The assay sample and buffer are incubated together with C.ALBICANS-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.ALBICANS concentration since C.ALBICANS from samples and C.ALBICANS-HRP conjugate compete for the anti-C.ALBICANS antibody binding site. Since the number of sites is limited, as more sites are occupied by C.ALBICANS from the sample, fewer sites are left to bind C.ALBICANS-HRP conjugate. Standards of known C.ALBICANS concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of C.ALBICANS. The C.ALBICANS 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                | <b>CEBPA</b>                                   |
| 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-ebpalpharabbit-elisa-kits/caat-enhancer-binding-protein-alpha/87148>