

## Chicken Calbindin ELISA Kit | CALB1 elisa kit

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CATALOG #  
**AAA310077**

REACTIVITY  
**Chicken**

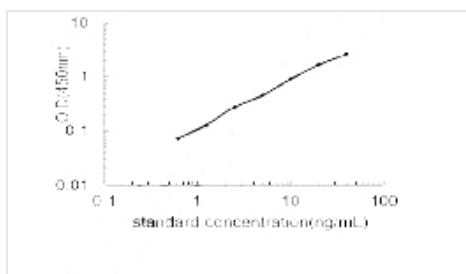
### PRODUCT SYNONYMS

Calbindin; Chicken Calbindin ELISA Kit; Calbindin D28; D-28K; Vitamin D-dependent calcium-binding protein; avian-type; CALB1; CALB1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                   |
| Specificity             | This assay recognizes recombinant and natural bovine Tumor necrosis factor. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids                                                 |
| Detection Range         | 0.15ng/mL-10.0ng/mL                                                                                                                       |
| Sensitivity             | 0.1 ng/mL                                                                                                                                 |
| Preparation and Storage | Store at 4 degree C                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CALB1 elisa kit

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of bovine Tumor necrosis factor concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tumor necrosis factor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Tumor necrosis factor and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Tumor necrosis factor, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Tumor necrosis factor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

45382893

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GeneID                      | <a href="#">396519</a>      |
| NCBI Accession #                 | <a href="#">NP_990844.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_205513.1</a> |
| UniProt Accession #              | <a href="#">P04354</a>      |
| Molecular Weight                 | 30,167 Da                   |
| NCBI Official Full Name          | calbindin                   |
| NCBI Official Synonym Full Names | calbindin 1                 |
| NCBI Official Symbol             | CALB1                       |
| NCBI Protein Information         | calbindin                   |
| UniProt Protein Name             | Calbindin                   |
| UniProt Gene Name                | <b>CALB1</b>                |

**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://www.aaabiotech.com/calb1-chicken-elisa-kits/calbindin/310077>