

## Rat CALB (Calbindin) ELISA Kit | CALB elisa kit

Rat CALB (Calbindin) ELISA Kit

CATALOG #  
**AAA278582**

REACTIVITY  
**Rat**

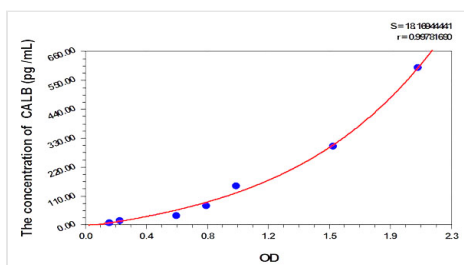
### PRODUCT SYNONYMS

CALB (Calbindin); Rat CALB (Calbindin) ELISA Kit; CAB27; Calbindin 1; 28kDa; Calbindin D28; Vitamin D-dependent calcium-binding protein; avian-type; CALB elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                       |
|-----------------|-----------------------------------------------------------------------|
| Reactivity      | Rat                                                                   |
| Assay Type      | Sandwich                                                              |
| Samples         | Serum, plasma, tissue homogenates, urine and other biological fluids. |
| Detection Range | 0.32-20ng/mL                                                          |
| Sensitivity     | 0.13ng/mL                                                             |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CALB elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat CALB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CALB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat CALB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat CALB in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for CALB elisa kit

[Metabolic pathway](#)

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 14010887 |
| NCBI GeneID | 83839    |

|                                  |                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_114190.1</a>                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | <a href="#">NM_031984.2</a>                                                                                                                                                                                 |
| UniProt Accession #              | <a href="#">P07171</a>                                                                                                                                                                                      |
| Molecular Weight                 | 29,994 Da                                                                                                                                                                                                   |
| NCBI Official Full Name          | calbindin                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | calbindin 1                                                                                                                                                                                                 |
| NCBI Official Symbol             | Calb1                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | CaBP28K                                                                                                                                                                                                     |
| NCBI Protein Information         | calbindin; D-28K; calbindin 1, 28 kD; calbindin D28; cerebellar Ca-binding protein spot 35 protein; cerebellar Ca-binding protein, spot 35 protein; vitamin D-dependent calcium-binding protein, avian-type |
| UniProt Protein Name             | Calbindin                                                                                                                                                                                                   |
| UniProt Gene Name                | <b>Calb1</b>                                                                                                                                                                                                |
| UniProt Entry Name               | CALB1_RAT                                                                                                                                                                                                   |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/calb-calbindin/278582>