

Rat CALB (Calbindin) ELISA Kit | CALB elisa kit

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CATALOG #
AAA278582

REACTIVITY
Rat

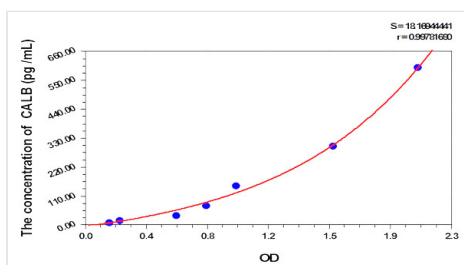
PRODUCT SYNONYMS

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 #	NP_114190.1
NCBI GenBank Nucleotide #	NM_031984.2
UniProt Accession #	P07171
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	Calb1
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/calb-calbindin/278582>