

Human Calbindin (CALB) ELISA Kit | CALB elisa kit

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CATALOG #
AAA42568

REACTIVITY
Human

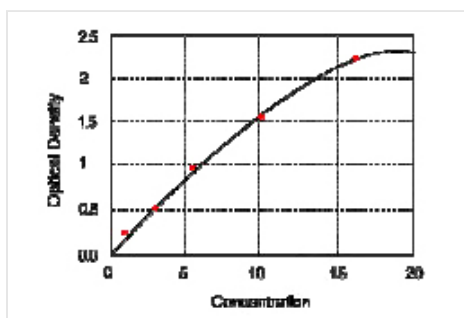
PRODUCT SYNONYMS

Calbindin (CALB); Human Calbindin (CALB) ELISA Kit; CALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	261
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-15ng/ml
Sensitivity	0.019ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALB elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cadherin-related Neuronal Receptor 1 (also known as CNR-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CNR-1 antibody. CNR-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CNR-1 Antibody is added and binds to CNR-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CNR-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CNR-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826655
NCBI GeneID	793
NCBI Accession #	NP_004920.1
NCBI GenBank Nucleotide #	NM_004929.3
UniProt Accession #	P05937; B2R696; B7Z9J4
Molecular Weight	23,609 Da
NCBI Official Full Name	calbindin
NCBI Official Synonym Full Names	calbindin 1
NCBI Official Symbol	CALB1
NCBI Official Synonym Symbols	CALB; D-28K
NCBI Protein Information	calbindin
UniProt Protein Name	Calbindin
UniProt Gene Name	CALB1
UniProt Synonym Gene Names	CAB27

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/human-elisa-kits/calbindin-calb/42568>