

Human CAMK1D (Calcium/calmodulin-dependent protein kinase type 1D) ELISA Kit | CAMK1D elisa kit

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CATALOG #
AAA249706

REACTIVITY
Human

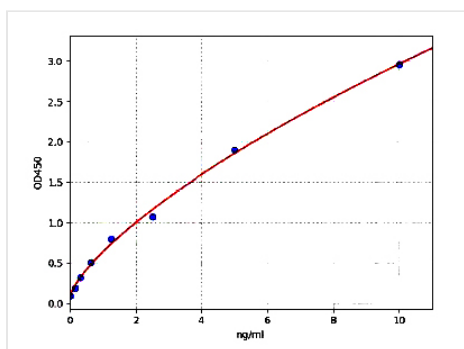
PRODUCT SYNONYMS

CAMK1D (Calcium/calmodulin-dependent protein kinase type 1D); Human CAMK1D (Calcium/calmodulin-dependent protein kinase type 1D) ELISA Kit; Calcium/calmodulin-dependent protein kinase type 1D; CaM kinase I delta; CaM kinase ID; CaM-KI delta; CaMKI delta; CaMKID; CaMKI-like protein kinase; CKLiK; CAMKID; CAMK1D; CAMK1D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CAMK1D. No significant cross-reactivity or interference between CAMK1D and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAMK1D elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56404610
NCBI GeneID	57118
UniProt Accession #	Q8IU85; Q9HD31; B0YIY0
Molecular Weight	385
NCBI Official Full Name	Calcium/calmodulin-dependent protein kinase type 1D
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase ID
NCBI Official Symbol	CAMK1D
NCBI Official Synonym Symbols	CKLiK; CaM-K1; CaMKID
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1D; caMKI delta; caM-KI delta; CaM kinase ID; caM kinase I delta; CamKI-like protein kinase
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1D
UniProt Gene Name	CAMK1D
UniProt Synonym Gene Names	CAMKID; CaM kinase ID; CaM-KI delta; CaMKI delta; CaMKID; CKLiK
UniProt Entry Name	KCC1D_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/human-elisa-kits/camk1d-calcium-calmodulin-dependent-protein-kinase-type-1d/249706>