

Mouse Doublecortin Like Kinase 1 (DCLK1) RTU ELISA Kit | DCLK1 rtu elisa kit

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CATALOG #
AAA70169

REACTIVITY
Mouse

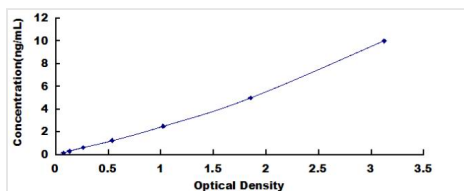
PRODUCT SYNONYMS

Doublecortin Like Kinase 1 (DCLK1); Mouse Doublecortin Like Kinase 1 (DCLK1) ELISA Kit; DCDC3A; DCLK; DCAMKL1; Doublecortin And CaM Kinase-Like 1; Doublecortin domain-containing protein 3A; Doublecortin-like and CAM kinase-like 1; DCLK1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	756
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCLK1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DCLK1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DCLK1. 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 DCLK1, 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 $\pm$ 10nm. The concentration of DCLK1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910164
NCBI GeneID	13175
NCBI Accession #	NP_064362.1
NCBI GenBank Nucleotide #	NM_019978.4
UniProt Accession #	Q9JLM8; Q6P207
Molecular Weight	40,409 Da
NCBI Official Full Name	serine/threonine-protein kinase DCLK1 isoform 1
NCBI Official Synonym Full Names	doublecortin-like kinase 1
NCBI Official Symbol	Dclk1
NCBI Official Synonym Symbols	Dcl; Dclk; Cpg16; Click-I; Dcamk1; AI836758; mKIAA0369; 1700113D08Rik; 2810480F11Rik
NCBI Protein Information	serine/threonine-protein kinase DCLK1
UniProt Protein Name	Serine/threonine-protein kinase DCLK1
UniProt Gene Name	Dclk1
UniProt Synonym Gene Names	Dcamk1; Dclk

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/mouse-rtu-elisa-kits/doublecortin-like-kinase-1-dclk1/70169>