

Rat Phosphodiesterase 1C, Calmodulin Dependent (PDE1C) RTU ELISA Kit | PDE1C rtu elisa kit

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CATALOG #
AAA219467

REACTIVITY
Rat

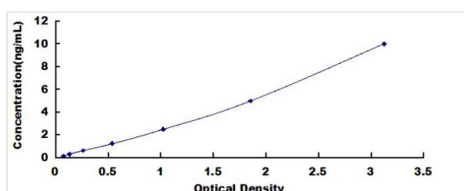
PRODUCT SYNONYMS

Phosphodiesterase 1C; Calmodulin Dependent (PDE1C); Rat Phosphodiesterase 1C; Calmodulin Dependent (PDE1C) ELISA Kit; Hcam3; Cam-PDE 1C; Calcium/calmodulin-dependent 3'; 5'-cyclic nucleotide phosphodiesterase 1C; PDE1C rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	768
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.042ng/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 PDE1C rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PDE1C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PDE1C. 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 PDE1C, 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 PDE1C in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23618922
NCBI GeneID	81742
NCBI Accession #	NP_112340.1
NCBI GenBank Nucleotide #	NM_031078.2
UniProt Accession #	Q63421
Molecular Weight	86,671 Da
NCBI Official Full Name	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C
NCBI Official Synonym Full Names	phosphodiesterase 1C
NCBI Official Symbol	Pde1c
NCBI Protein Information	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C
UniProt Protein Name	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C
UniProt Gene Name	Pde1c
UniProt Synonym Gene Names	Cam-PDE 1C

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
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/phosphodiesterase-1c-calmodulin-dependent-pde1c/219467>