

Human Phosphodiesterase 12 (PDE12) RTU ELISA Kit | PDE12 rtu elisa kit

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CATALOG #
AAA219464

REACTIVITY
Human

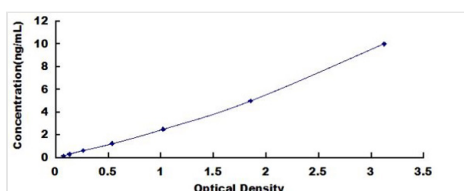
PRODUCT SYNONYMS

Phosphodiesterase 12 (PDE12); Human Phosphodiesterase 12 (PDE12) ELISA Kit; 2'-PDE; 2'-Phosphodiesterase; Mitochondrial deadenylase; PDE12 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	609
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/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 PDE12 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PDE12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PDE12. 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 PDE12, 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 PDE12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

189027129

NCBI GeneID	201626
NCBI Accession #	NP_808881.3
NCBI GenBank Nucleotide #	NM_177966.6
UniProt Accession #	Q6L8Q7; Q8IYU3; Q8NDU2; Q8TE78; B4DTU8
Molecular Weight	58,890 Da
NCBI Official Full Name	2',5'-phosphodiesterase 12 isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 12
NCBI Official Symbol	PDE12
NCBI Official Synonym Symbols	2-PDE; 2'-PDE
NCBI Protein Information	2',5'-phosphodiesterase 12
UniProt Protein Name	2',5'-phosphodiesterase 12
UniProt Gene Name	PDE12
UniProt Synonym Gene Names	2'-PDE; 2-PDE

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-rtu-elisa-kits/phosphodiesterase-12-pde12/219464>