

Human High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A ELISA Kit | PDE9A elisa kit

Human High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A ELISA Kit

CATALOG #
AAA23355

REACTIVITY
Human

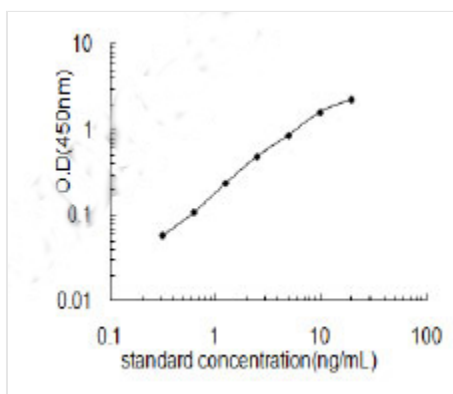
PRODUCT SYNONYMS

High affinity cGMP-specific 3'; 5'-cyclic phosphodiesterase 9A; Human High affinity cGMP-specific 3'; 5'-cyclic phosphodiesterase 9A ELISA Kit; PDE9A; 3.1.4.35; PDE9A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
Sequence Length	534
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.16 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=8.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDE9A elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924083
NCBI GeneID	191569
NCBI Accession #	NP_612552.1
NCBI GenBank Nucleotide #	NM_138543.1
Molecular Weight	61,756 Da
NCBI Official Full Name	high affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
NCBI Official Synonym Full Names	phosphodiesterase 9A
NCBI Official Symbol	Pde9a
NCBI Protein Information	high affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
UniProt Protein Name	High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
UniProt Gene Name	Pde9a
UniProt Entry Name	PDE9A_RAT

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.