

Human Phosphodiesterase 9A (PDE9A) ELISA Kit | PDE9A elisa kit

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CATALOG #
AAA43883

REACTIVITY
Human

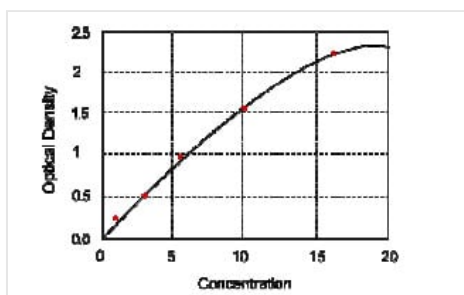
PRODUCT SYNONYMS

Phosphodiesterase 9A (PDE9A); Human Phosphodiesterase 9A (PDE9A) ELISA Kit; PDE9A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	533
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.75-48ng/ml
Sensitivity	0.36ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDE9A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Phosphodiesterase 9A (also known as PDE9A) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PDE9A antibody. PDE9A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PDE9A Antibody is added and binds to PDE9A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDE9A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PDE9A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14290551
NCBI GeneID	5152
Molecular Weight	61,709 Da
NCBI Official Full Name	Phosphodiesterase 9A
NCBI Official Synonym Full Names	phosphodiesterase 9A
NCBI Official Symbol	PDE9A
NCBI Official Synonym Symbols	HSPDE9A2
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

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/phosphodiesterase-9a-pde9a/43883>