

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

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CATALOG #
AAA250035

REACTIVITY
Human

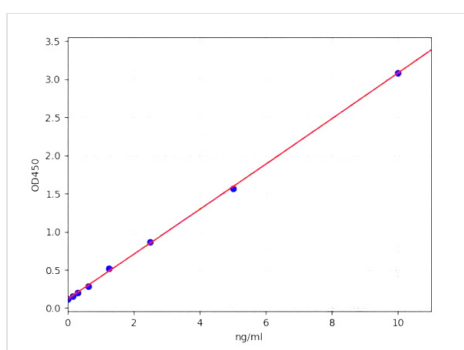
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PDE9A. No significant cross-reactivity or interference between PDE9A and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDE9A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48762718
NCBI GeneID	5152
UniProt Accession #	O76083; O75490; O75491; O95225; Q53Y40; Q5QD39; Q86SF7; Q86SI6; Q86SJ3; Q86WN3; B2RBI5; B4DFI5
NCBI Official Full Name	high affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A isoform b [Homo sapiens]
NCBI Official Synonym Full Names	phosphodiesterase 9A
NCBI Official Symbol	PDE9A
NCBI Official Synonym Symbols	FLJ90181; HSPDE9A2; PDE9A
UniProt Protein Name	High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
UniProt Gene Name	PDE9A
UniProt Entry Name	PDE9A_HUMAN

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/pde9a-high-affinity-cgmp-specific-35-cyclic-phosphodiesterase-9a/250035>