

Human cGMP-specific 3',5'-cyclic phosphodiesterase ELISA Kit | PDE5A elisa kit

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CATALOG #
AAA195735

REACTIVITY
Human

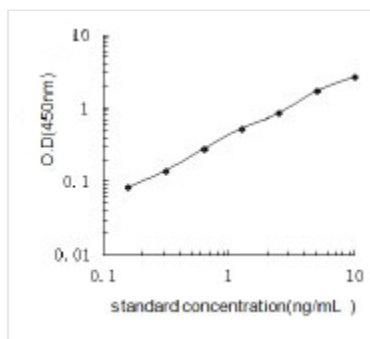
PRODUCT SYNONYMS

cGMP-specific 3'; 5'-cyclic phosphodiesterase; Human cGMP-specific 3'; 5'-cyclic phosphodiesterase ELISA Kit; cGMP-binding cGMP-specific phosphodiesterase; CGB-PDE; PDE5A; PDE5; 3.1.4.35; PDE5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Ephrin type-B receptor 6
Sequence Length	875
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.12 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.5%
Inter-assay Precision	Inter-Assay CV: <=9.4%
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 PDE5A elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61744435
NCBI GeneID	8654
NCBI Accession #	NP_001074.2
NCBI GenBank Nucleotide #	NM_001083.3
UniProt Accession #	O76074; O75026; O75887; Q86UI0; Q86V66; Q9Y6Z6; A0AV69; A8K2C4
Molecular Weight	94,805 Da
NCBI Official Full Name	cGMP-specific 3',5'-cyclic phosphodiesterase isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 5A
NCBI Official Symbol	PDE5A
NCBI Official Synonym Symbols	CN5A; PDE5; CGB-PDE
NCBI Protein Information	cGMP-specific 3',5'-cyclic phosphodiesterase
UniProt Protein Name	cGMP-specific 3',5'-cyclic phosphodiesterase
UniProt Gene Name	PDE5A
UniProt Synonym Gene Names	PDE5; CGB-PDE
UniProt Entry Name	PDE5A_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/pde5a-human-elisa-kits/cgmp-specific-35-cyclic-phosphodiesterase/195735>