

Mouse Prostaglandin Endoperoxide Synthase 1 ELISA Kit | PTGS1 elisa kit

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CATALOG # AAA99865	REACTIVITY Mouse
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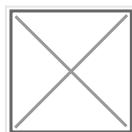
PRODUCT SYNONYMS

Prostaglandin Endoperoxide Synthase 1; Mouse Prostaglandin Endoperoxide Synthase 1 ELISA Kit; PTGS1//COX-1/COX1/PGG/HS/COX3/PTGHS/PCOX1/PGH synthase 1/PGHS1/PGHS-1/PHS1/PHS 1/Cyclooxygenase-1/prostaglandin G/H synthase 1/prostaglandin G/H synthase and cyclooxygenase/Prostaglandin H2 synthase 1/Prostaglandin-endoperoxide synthase 1; PTGS1 elisa kit

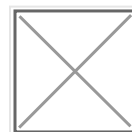
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	599
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGS1 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse PTGS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PTGS1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse PTGS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PTGS1 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17017287
NCBI GeneID	5742
Molecular Weight	72,010 Da
NCBI Official Full Name	prostaglandin-endoperoxide synthase 1

NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
NCBI Official Symbol	PTGS1
NCBI Official Synonym Symbols	COX1; COX3; PHS1; PCOX1; PES-1; PGHS1; PTGHS; PGG/HS; PGHS-1
NCBI Protein Information	prostaglandin G/H synthase 1
UniProt Protein Name	Prostaglandin G/H synthase 1
UniProt Gene Name	PTGS1
UniProt Synonym Gene Names	COX1; COX-1; PGH synthase 1; PGHS-1; PHS 1
UniProt Entry Name	PGH1_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/ptgs1-mouse-elisa-kits/prostaglandin-endoperoxide-synthase-1/99865>