

Mouse Prostaglandin E synthase 3 ELISA Kit | Ptges3 elisa kit

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CATALOG #
AAA195149

REACTIVITY
Mouse

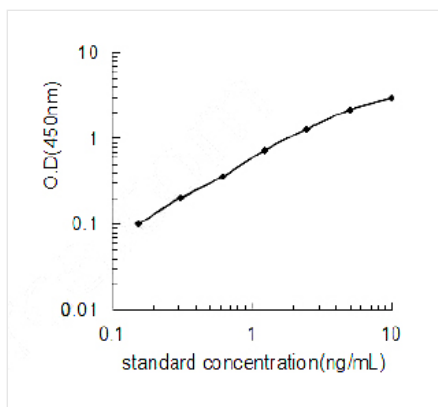
PRODUCT SYNONYMS

Prostaglandin E synthase 3; Mouse Prostaglandin E synthase 3 ELISA Kit; Cytosolic prostaglandin E2 synthase; cPGES; Hsp90 co-chaperone; Progesterone receptor complex p23; Sid 3177; Telomerase-binding protein p23; Ptges3; Sid3177; Ptges3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Prostaglandin E synthase 3
Sequence Length	160
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.083 ng/mL
Intra-assay Precision	<=6.2%
Inter-assay Precision	<=8.4%
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 Ptges3 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 #	9790017
NCBI GeneID	56351
NCBI Accession #	NP_062740.1
NCBI GenBank Nucleotide #	NM_019766.4
UniProt Accession #	Q9R0Q7; Q542V4; Q9D7V0; Q9WV83
Molecular Weight	18,721 Da
NCBI Official Full Name	prostaglandin E synthase 3
NCBI Official Synonym Full Names	prostaglandin E synthase 3 (cytosolic)
NCBI Official Symbol	Ptges3
NCBI Official Synonym Symbols	p23; Tebp; Ptges; cPGES; sid3177; 5730442A20Rik
NCBI Protein Information	prostaglandin E synthase 3
UniProt Protein Name	Prostaglandin E synthase 3
UniProt Gene Name	Ptges3
UniProt Synonym Gene Names	Sid3177; Tebp; cPGES
UniProt Entry Name	TEBP_MOUSE

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/ptges3-mouse-elisa-kits/prostaglandin-e-synthase-3/195149>