

Mouse Hematopoietic prostaglandin D synthase ELISA Kit | Hpgds elisa kit

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CATALOG #
AAA56279

REACTIVITY
Mouse

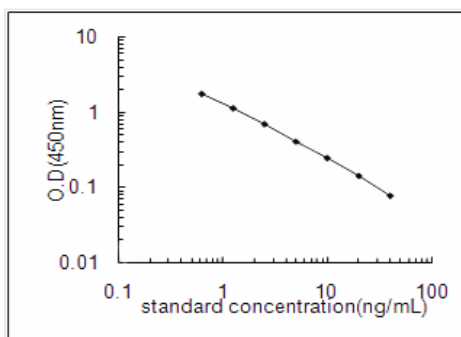
PRODUCT SYNONYMS

Hematopoietic prostaglandin D synthase; Mouse Hematopoietic prostaglandin D synthase ELISA Kit; Hpgds elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse H-PGDS
Sequence Length	199
Assay Type	Competitive
Detection Range	0.625-40 ng/ml
Sensitivity	0.324 ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=8.1%
Recovery	103%
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 Hpgds 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 ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 #	254281300
NCBI GeneID	54486
NCBI Accession #	NP_062328.3
NCBI GenBank Nucleotide #	NM_019455.4
UniProt Accession #	Q9JHF7; Q14AR4; Q8CA80
Molecular Weight	23,227 Da
NCBI Official Full Name	hematopoietic prostaglandin D synthase
NCBI Official Synonym Full Names	hematopoietic prostaglandin D synthase
NCBI Official Symbol	Hpgds
NCBI Official Synonym Symbols	H-PGDS; Ptgds2
NCBI Protein Information	hematopoietic prostaglandin D synthase
UniProt Protein Name	Hematopoietic prostaglandin D synthase
UniProt Gene Name	Hpgds
UniProt Synonym Gene Names	Gsts; Pgds; Ptgds2; H-PGDS
UniProt Entry Name	HPGDS_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.