

Rat Hematopoietic prostaglandin D synthase ELISA Kit | Hpgds elisa kit

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CATALOG #
AAA56176

REACTIVITY
Rat

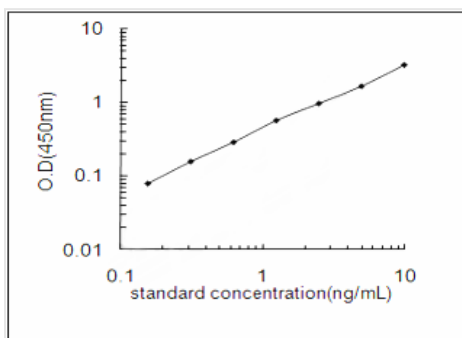
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat H-PGDS. No significant cross-reactivity or interference was observed.
Sequence Length	199
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.092 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.9%
Recovery	95%
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

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to H-PGDS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for H-PGDS and 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 H-PGDS, 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 H-PGDS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928888
NCBI GeneID	58962
NCBI Accession #	NP_113832.1
NCBI GenBank Nucleotide #	NM_031644.2
UniProt Accession #	O35543; O35351
Molecular Weight	23,297 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	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_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hpgds-rat-elisa-kits/hematopoietic-prostaglandin-d-synthase/56176>