

Chicken Hematopoietic prostaglandin D synthase ELISA Kit | HPGDS elisa kit

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CATALOG #
AAA56122

REACTIVITY
Chicken

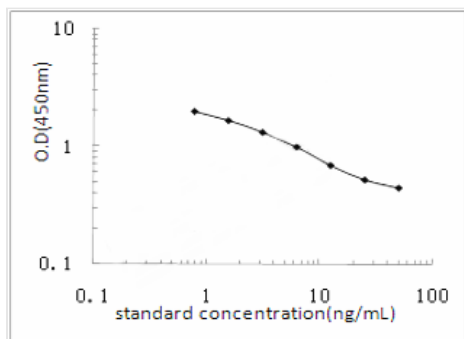
PRODUCT SYNONYMS

Hematopoietic prostaglandin D synthase; Chicken Hematopoietic prostaglandin D synthase ELISA Kit; HPGDS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural Chicken H-PGDS. No significant cross-reactivity or interference was observed.
Sequence Length	199
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/ml.
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 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 H-PGDS. During the reaction, H-PGDS in the sample or standard competes with a fixed amount of biotin-labeled H-PGDS for sites on a pre-coated Monoclonal antibody specific to H-PGDS. 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 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 #	45384344
NCBI GeneID	395863
NCBI Accession #	NP_990342.1
NCBI GenBank Nucleotide #	NM_205011.1
UniProt Accession #	O73888
Molecular Weight	22,730 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	PGDS; H-PGDS
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_CHICK

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/hpgds-chicken-elisa-kits/hematopoietic-prostaglandin-d-synthase/56122>