

Human PGDS ELISA Kit | PGDS elisa kit

Human PGDS (Prostaglandin D Synthase) ELISA Kit

CATALOG #
AAA165228

REACTIVITY
Human

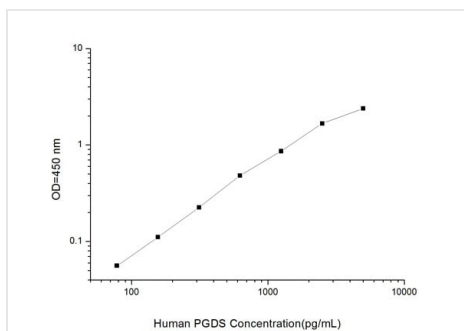
PRODUCT SYNONYMS

PGDS; Human PGDS (Prostaglandin D Synthase) ELISA Kit; PGDS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PGDS. No significant cross-reactivity or interference between Human PGDS and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PGDS and all the analogues, therefore, cross reaction may still exist.
Sequence Length	199
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGDS elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PGDS in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PGDS. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PGDS and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PGDS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PGDS. You can calculate the concentration of Human PGDS in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49456319
NCBI GeneID	27306
UniProt Accession #	O60760; Q6FHT9
Molecular Weight	23,344 Da
NCBI Official Full Name	PGDS, partial
NCBI Official Synonym Full Names	hematopoietic prostaglandin D synthase
NCBI Official Symbol	HPGDS
NCBI Official Synonym Symbols	GSTS; PGD2; PGDS; GSTS1; GSTS1-1
NCBI Protein Information	hematopoietic prostaglandin D synthase; GST class-sigma; glutathione S-transferase sigma; glutathione-dependent PGD synthase; glutathione-dependent PGD synthetase; glutathione-requiring prostaglandin D synthase; hematopoietic prostaglandin D2 synthase; prostaglandin-H2 D-isomerase
UniProt Protein Name	Hematopoietic prostaglandin D synthase
UniProt Gene Name	HPGDS
UniProt Synonym Gene Names	GSTS; PGDS; PTGDS2; H-PGDS
UniProt Entry Name	HPGDS_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/human-elisa-kits/pgds/165228>