

Human Prostaglandin D synthase, PTGDS ELISA Kit | PTGDS elisa kit

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CATALOG #
AAA41119

REACTIVITY
Human

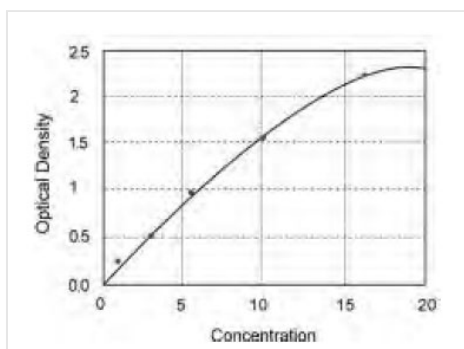
PRODUCT SYNONYMS

Prostaglandin D synthase; PTGDS; Human Prostaglandin D synthase; PTGDS ELISA Kit; PTGDS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	190
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.3-90ng/ml
Sensitivity	0.157ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGDS elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PTGDS antibody. PTGDS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PTGDS Antibody is added and binds to PTGDS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PTGDS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PTGDS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Prostaglandin-H2 D-isomerase (also known as PTGDS) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111080340
NCBI GeneID	5730
Molecular Weight	21,029 Da
NCBI Official Full Name	prostaglandin D synthase
NCBI Official Synonym Full Names	prostaglandin D2 synthase
NCBI Official Symbol	PTGDS
NCBI Official Synonym Symbols	PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS
NCBI Protein Information	prostaglandin-H2 D-isomerase
UniProt Protein Name	Prostaglandin-H2 D-isomerase
UniProt Gene Name	PTGDS
UniProt Synonym Gene Names	PDS; PGD2 synthase; PGDS; PGDS2

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/prostaglandin-d-synthase-ptgds/41119>