

Human Prostaglandin-H2 D-isomerase ELISA Kit | PTGDS elisa kit

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CATALOG #
AAA309951

REACTIVITY
Human

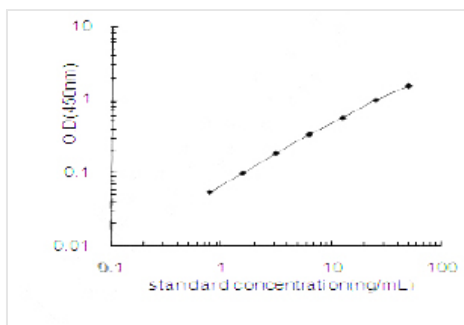
PRODUCT SYNONYMS

Prostaglandin-H2 D-isomerase; Human Prostaglandin-H2 D-isomerase ELISA Kit; Beta-trace protein; Cerebrin-28; Glutathione-independent PGD synthase; Lipocalin-type prostaglandin-D synthase; Prostaglandin-D2 synthase; PGD2; PTGDS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human PGC-1-alpha. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.31 ng/mL-20.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGDS elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human PGC-1-alpha concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PGC-1-alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PGC-1-alpha 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 PGC-1-alpha, 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 PGC-1-alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

32171249

NCBI GeneID	5730
NCBI Accession #	NP_000945.3
NCBI GenBank Nucleotide #	NM_000954.5
UniProt Accession #	P41222; Q5SQ10; Q7M4P3; Q9UC22; Q9UCC9; Q9UCD9; B2R727
Molecular Weight	21,029 Da
NCBI Official Full Name	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/ptgds-human-elisa-kits/prostaglandin-h2-d-isomerase/309951>