

Human Prostaglandin D2 Synthase, Brain (PGD2S) RTU ELISA Kit | PGD2S rtu elisa kit

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CATALOG #
AAA217769

REACTIVITY
Human

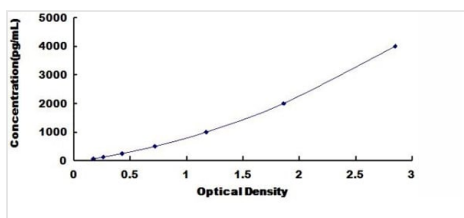
PRODUCT SYNONYMS

Prostaglandin D2 Synthase; Brain (PGD2S); Human Prostaglandin D2 Synthase; Brain (PGD2S) ELISA Kit; PTGDS; PDS; PGDS2; Prostaglandin-H2 D-Isomerase; Lipocalin-Type Prostaglandin D Synthase; Cerebrin-28; Beta-trace protein; Glutathione-independent PGD synthase; PGD2S rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	190
Assay Type	Sandwich
Samples	Serum, Plasma, Cerebrospinal Fluid or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	26.5pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGD2S rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PGD2S. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PGD2S. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PGD2S, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PGD2S in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5730
Molecular Weight	21,029 Da
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-rtu-elisa-kits/prostaglandin-d2-synthase-brain-pgd2s/217769>