

Human PGD2S ELISA Kit | PGD2S elisa kit

Human PGD2S (Prostaglandin D2 Synthase, Brain) ELISA Kit

CATALOG #
AAA164765

REACTIVITY
Human

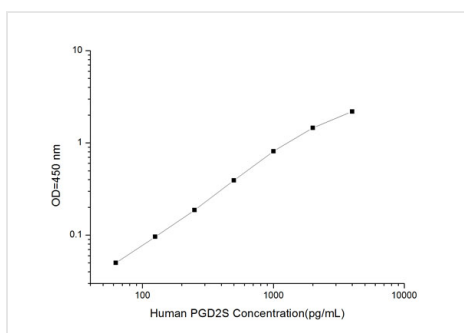
PRODUCT SYNONYMS

PGD2S; Human PGD2S (Prostaglandin D2 Synthase; Brain) ELISA Kit; PGD2S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PGD2S. No significant cross-reactivity or interference between Human PGD2S and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PGD2S and all the analogues, therefore, cross reaction may still exist.
Sequence Length	227
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGD2S elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PGD2S 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 PGD2S. 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 PGD2S 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 PGD2S, 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 PGD2S. You can calculate the concentration of Human PGD2S in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	321471716
Molecular Weight	26,076 Da
NCBI Official Full Name	prostaglandin D2 synthase-like protein
UniProt Protein Name	Prostaglandin D2 synthase-like protein
UniProt Gene Name	PGD2B
UniProt Entry Name	E9GD76_DAPPU

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/pgd2s/164765>