

Human Prostaglandin D2 (PGD2) ELISA Kit | PGD2 elisa kit

Human Prostaglandin D2, PGD2 ELISA Kit

CATALOG #
AAA14974

REACTIVITY
Human

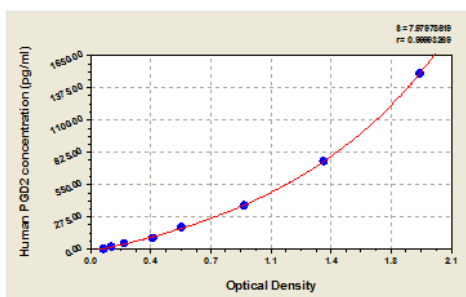
PRODUCT SYNONYMS

Prostaglandin D2 (PGD2); Human Prostaglandin D2; PGD2 ELISA Kit; Human Prostaglandin D2 (PGD2) ELISA kit; PGD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PGD2. No significant cross-reactivity or interference between human PGD2 and analogues was observed.
Sequence Length	481
Assay Type	Quantitative Sandwich
Samples	Serum, cell culture supernates, tissue homogenates, urine
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGD2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PGD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGD2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PGD2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24639279
NCBI GeneID	31185
NCBI Accession #	NP_476860.2
NCBI GenBank Nucleotide #	NM_057512.3
NCBI Official Full Name	phosphogluconate dehydrogenase, isoform A
NCBI Official Synonym Full Names	Phosphogluconate dehydrogenase
NCBI Official Symbol	Pgd
NCBI Official Synonym Symbols	6-pgd; 6-Pgd; 6-PGD; 6Pgd; 6PGD; 6pgdh; 6Pgdh; 6PGDH; A7; CG3724; DmelCG3724; EG:87B1.4; l(1)2Dc; l(1)2De; l(1)A7; l(1)G0385; l(1)N1; l(1)N3[90]; l(1)Pgd; l(1)Pgd-A; l35; N1; Pdg; pgd; PGD
NCBI Protein Information	CG3724 gene product from transcript CG3724-RA; 6-phosphogluconate; 6-phosphogluconate dehydrogenase; CG3724-PA; CG3724-PB; NADP-6 phosphogluconate dehydrogenase; Pgd-PA; Pgd-PB

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.