

Human Prostaglandin D2, PGD2 ELISA Kit | PGD2 elisa kit

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CATALOG #
AAA11199

REACTIVITY
Human

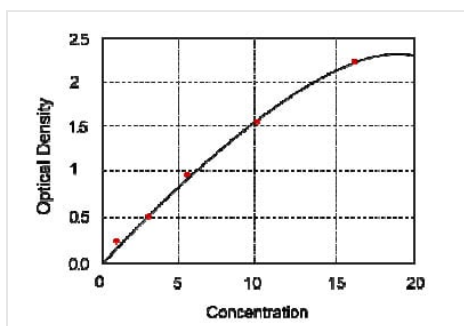
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	395
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-1500ng/L
Sensitivity	5.02ng/L
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 PGD2 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PGD2 antibody. PGD2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PGD2 Antibody is added and binds to PGD2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PGD2 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 PGD2. 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 D2 (also known as PGD2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791424
NCBI GeneID	11251
NCBI Accession #	NP_004769.2
NCBI GenBank Nucleotide #	NM_004778.2
UniProt Accession #	Q9Y5Y4; O94765; Q4QRI6
Molecular Weight	43,268 Da
NCBI Official Full Name	prostaglandin D2 receptor 2
NCBI Official Synonym Full Names	prostaglandin D2 receptor 2
NCBI Official Symbol	PTGDR2
NCBI Official Synonym Symbols	DP2; DL1R; CD294; CRTH2; GPR44
NCBI Protein Information	prostaglandin D2 receptor 2
UniProt Protein Name	Prostaglandin D2 receptor 2
UniProt Gene Name	PTGDR2
UniProt Synonym Gene Names	CRTH2; DL1R; GPR44

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-d2-pgd2/11199>