

Human Prostaglandin H2 (PGH2) ELISA Kit | PTGES2 elisa kit

Human Prostaglandin H2, PGH2 ELISA Kit

CATALOG #
AAA180401

REACTIVITY
Human

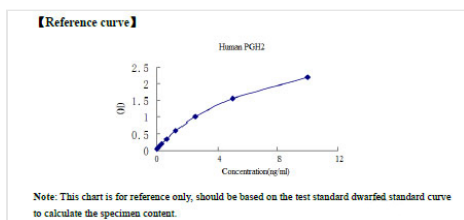
PRODUCT SYNONYMS

Prostaglandin H2 (PGH2); Human Prostaglandin H2; PGH2 ELISA Kit; PTGES2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or cell culture supernatant and organizations in the natural and recombinant PGH2 concentration.
Assay Type	Sandwich
Detection Range	10 ng/ml-0.156 ng/ml
Sensitivity	0.05 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGES2 elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human PGH2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376617
NCBI GeneID	80142

NCBI Accession #	NP_079348.1
NCBI GenBank Nucleotide #	NM_025072.6
UniProt Accession #	Q9H7Z7 ; Q53EW9 ; Q5SYV6 ; Q96GI0 ; Q96GL2
Molecular Weight	41,943 Da
NCBI Official Full Name	prostaglandin E synthase 2 isoform 1
NCBI Official Synonym Full Names	prostaglandin E synthase 2
NCBI Official Symbol	PTGES2
NCBI Official Synonym Symbols	GBF1; GBF-1; PGES2; C9orf15; mPGES-2
NCBI Protein Information	prostaglandin E synthase 2; GATE-binding factor 1; microsomal prostaglandin E synthase-2; membrane-associated prostaglandin E synthase 2; gamma-interferon-activated transcriptional element-binding factor 1
UniProt Protein Name	Prostaglandin E synthase 2
UniProt Gene Name	PTGES2
UniProt Synonym Gene Names	C9orf15; PGES2; mPGES-2
UniProt Entry Name	PGES2_HUMAN

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-h2-pgh2/180401>