

Human Prostaglandin F2-alpha Receptor (PTGFR) ELISA Kit | PTGFR elisa kit

Human Prostaglandin F2-alpha Receptor (PTGFR) ELISA Kit

CATALOG #
AAA331252

REACTIVITY
Human

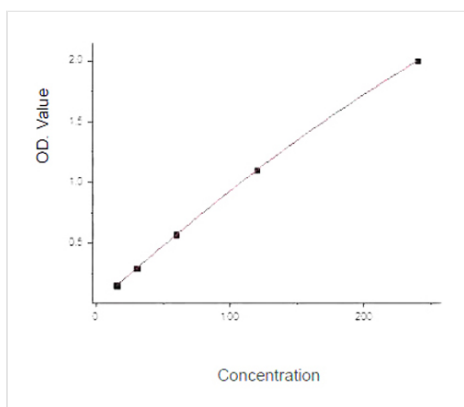
PRODUCT SYNONYMS

Prostaglandin F2-alpha Receptor (PTGFR); Human Prostaglandin F2-alpha Receptor (PTGFR) ELISA Kit; PTGFR; RP5-944H6.1; FP; MGC120498; MGC46203; OTTHUMP00000011219; PGF receptor; PGF2 alpha receptor; prostaglandin F receptor; prostaglandin F2 alpha receptor; prostaglandin receptor (2-alpha); prostanoid FP rece; PTGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Prostaglandin F2-alpha receptor (PTGFR) ELISA Kit has high sensitivity and excellent specificity for detection of Human PTGFR. No significant cross-reactivity or interference between Human PTGFR and analogues was observed.
Sequence Length	359
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids.
Detection Range	15 ng/L - 240 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGFR elisa kit	Background: Prostaglandin F(2-alpha) is involved in a number of physiologic processes. It serves as apotent luteolytic agent in many species, has been implicated as a modulator of intraocular pressure, and may be important in smooth muscle contraction in the uterus and elsewhere. Its effects on cells are mediated through specific interaction with prostaglandin receptors. Principle of the Assay: Human Prostaglandin F2-alpha receptor (PTGFR) ELISA Kit employs a two-site sandwichELISA to quantitate PTGFR in samples. An antibody specific for PTGFR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyPTGFR present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PTGFR detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is addedto the wells and color develops in proportion to the amount of PTGFR bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	34596210
NCBI GeneID	5737
UniProt Accession #	P43088
NCBI Official Full Name	prostaglandin F receptor
NCBI Official Synonym Full Names	prostaglandin F receptor
NCBI Official Symbol	PTGFR
NCBI Official Synonym Symbols	FP
NCBI Protein Information	prostaglandin F2-alpha receptor
UniProt Protein Name	Prostaglandin F2-alpha receptor
UniProt Gene Name	PTGFR
UniProt Synonym Gene Names	PGF receptor
UniProt Entry Name	PF2R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/prostaglandin-f2-alpha-receptor-ptgfr/331252>