

Human Prostaglandin F2alpha ELISA Kit | PGF2alpha elisa kit

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CATALOG #
AAA100830

REACTIVITY
Human

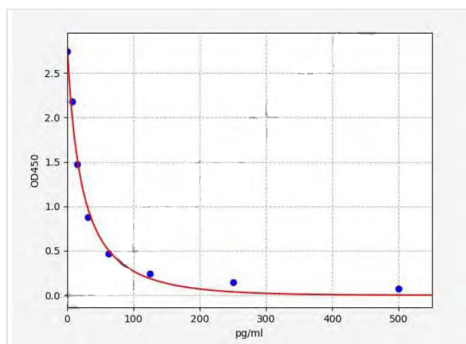
PRODUCT SYNONYMS

Prostaglandin F2alpha; Human Prostaglandin F2alpha ELISA Kit; PGF2alpha ; Prostaglandin F2a; PGF2alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PGF2alpha. No significant cross-reactivity or interference between PGF2alpha and analogues was observed.
Sequence Length	266
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGF2alpha elisa kit	Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7619989
NCBI GeneID	5737
Molecular Weight	30,766 Da
NCBI Official Full Name	prostaglandin F2alpha receptor, partial
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; PGF2-alpha 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.

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Online datasheet: <https://stage.aaabiotech.com/pgf2alpha-human-elisa-kits/prostaglandin-f2alpha/100830>