

Human PGF2a (Prostaglandin F2 Alpha) ELISA Kit | PGF2a elisa kit

Human PGF2a (Prostaglandin F2 Alpha) ELISA Kit

CATALOG #
AAA277021

REACTIVITY
Human

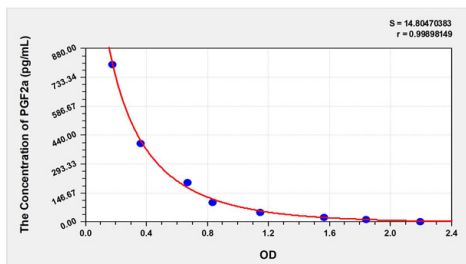
PRODUCT SYNONYMS

PGF2a (Prostaglandin F2 Alpha); Human PGF2a (Prostaglandin F2 Alpha) ELISA Kit; PGF2A; PGF2-A; PG-F2a; PGF2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PGF2a. No significant cross-reactivity or interference between Human PGF2a and analogues was observed.
Assay Type	Competitive
Detection Range	12.5-800 pg/mL
Sensitivity	3.88 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 intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGF2a elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Prostaglandin F2 Alpha(PGF2a) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Prostaglandin F2 Alpha(PGF2a). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Prostaglandin F2 Alpha(PGF2a) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PGF2a elisa kit

[Metabolic pathway](#); [Cardiovascular biology](#); [Hormone metabolism](#)

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/pgf2a-prostaglandin-f2-alpha/277021>