

Human Pregnanediol 3 Glucuronide ELISA Kit | PDG elisa kit

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CATALOG #
AAA88045

REACTIVITY
Human

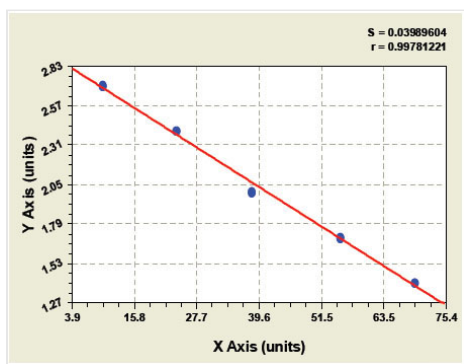
PRODUCT SYNONYMS

Pregnanediol 3 Glucuronide; Human Pregnanediol 3 Glucuronide ELISA Kit; PDG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDG elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This PDG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PDG. This ELISA kit for research use only! Principle of the Assay: PDG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDG antibody and an PDG-HRP conjugate. The assay sample and buffer are incubated together with PDG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PDG concentration since PDG from samples and PDG-HRP conjugate compete for the anti-PDG antibody binding site. Since the number of sites is limited, as more sites are occupied by PDG from the sample, fewer sites are left to bind PDG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDG concentration in each sample is interpolated from this standard curve.
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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/pdg-human-elisa-kits/pregnanediol-3-glucuronide/88045>