

Human Pregnenolone ELISA Kit | PREG elisa kit

Human Pregnenolone (PREG) ELISA Kit

CATALOG #
AAA55592

REACTIVITY
Human

PRODUCT SYNONYMS

Pregnenolone; Human Pregnenolone (PREG) ELISA Kit; PREG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PREG. No significant cross-reactivity or interference between Human PREG and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	2.5 pg/mL - 150 pg/mL
Sensitivity	2 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PREG elisa kit

Intended Uses: For the quantitative detection of Human Pregnenolone (PREG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for PREG and Horseradish Peroxidase (HRP) conjugated PREG. The competitive inhibition reaction is launched between with HRP labeled PREG and unlabeled PREG with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of PREG in the sample. The color development is stopped and the intensity of the color is measured.

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://www.aaabiotech.com/preg-human-elisa-kits/pregnenolone/55592>