

Progesterone ELISA Kit

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CATALOG # AAA332596	REACTIVITY Human, Rat, Goat, Sheep, Dog, Rabbit, Bovine, Monkey, Chicken, Swine	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Progesterone; Progesterone ELISA Kit; pregn-4-ene-3; 20-dione; P4; Progesterone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Rat, Goat, Sheep, Dog, Rabbit, Bovine, Monkey, Chicken, Swine
Specificity	Progesterone ELISA Kit has high sensitivity and excellent specificity for detection of Progesterone. No significant cross-reactivity or interference between Progesterone and analogues was observed.
Assay Type	Competitive
Samples	Serum, Plasma
Detection Range	0.5 ng/mL-30 ng/mL
Sensitivity	0.2 ng/mL
Applicable Applications for Progesterone elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?15%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?15%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Progesterone elisa kit	Principle of the Assay: Progesterone is an endogenous steroid and progestogen sex hormone involved in the menstrual cycle, pregnancy, and embryogenesis of humans and other species. It belongs to a group of steroid hormones called the progestogens, and is the major progestogen in the body. Progesterone is also a crucial metabolic intermediate in the production of other endogenous steroids, including the sex hormones and the corticosteroids, and plays an important role in brain function as a neurosteroid. Progesterone ELISA Kit employs the competitive inhibition 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 progesterone and Horseradish Peroxidase (HRP) conjugated progesterone. The competitive inhibition reaction is launched between with HRP labeled progesterone and unlabeled progesterone with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of progesterone in the sample. The color development is stopped and the intensity of the color is measured.
Product Categories/Family for Progesterone elisa kit	ELISA Assay Kit; Protein

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/bovine-chicken-dog-goat-human-monkey-ovine-rabbit-rat-sheep-elisa-kits/progesterone/332596>