

Estradiol ELISA Kit

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CATALOG # AAA332597	REACTIVITY Human, Donkey	APPLICATIONS ELISA
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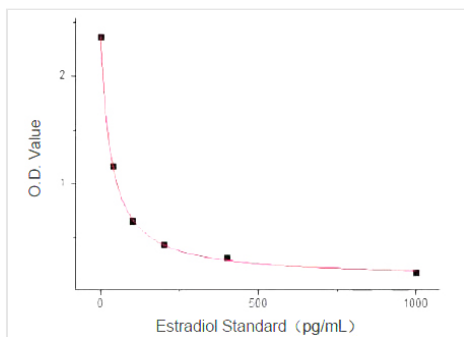
PRODUCT SYNONYMS

Estradiol; Estradiol ELISA Kit; E2; 17beta-estradiol; Estrogen; Estradiol elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Donkey
Specificity	Estradiol ELISA Kit has high sensitivity and excellent specificity for detection of Estradiol. Nosignificant cross-reactivity or interference between Estradiol and analogues was observed.
Assay Type	Competitive
Samples	Serum, Plasma
Detection Range	40 pg/mL-1,000 pg/mL
Sensitivity	40 pg/mL
Applicable Applications for Estradiol 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 Estradiol elisa kit	Principle of the Assay: Estradiol (E2) is a steroid, an estrogen, and the primary female sex hormone. It is named for and is important in the regulation of the estrous and menstrual female reproductive cycles. Estradiol is essential for the development and maintenance of female reproductive tissues such as the breasts, uterus, and vagina during puberty, adulthood, and pregnancy, but it also has important effects in many other tissues, including bone, fat, skin, liver, and the brain. While estrogen levels in men are lower compared to those in women, estrogens have essential functions in men, as well. It is found in most vertebrates and crustaceans, insects, fish, and other animal species. Estradiol ELISA Kit employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided has been pre-coated with a specific antibody for Estradiol. Standards or samples are added to the microtiter plate wells with Horseradish Peroxidase (HRP) conjugated Estradiol. The competitive inhibition reaction is launched between with HRP labeled Estradiol and unlabeled Estradiol with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Estradiol in the sample. The color development is stopped and the intensity of the color is measured.
Product Categories/Family for Estradiol 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://www.aaabiotech.com/donkey-human-elisa-kits/estradiol/332597>