

Human Estradiol ELISA Kit

Estradiol ELISA Kit

CATALOG #
AAA14605

REACTIVITY
Human

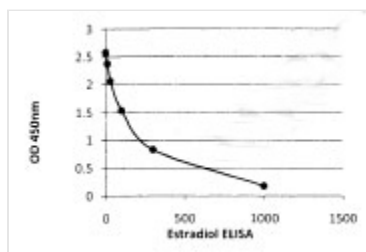
PRODUCT SYNONYMS

Estradiol; Estradiol ELISA Kit; Estradiol ELISA; Estradiol elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Competitive
Samples	Human serum and plasma
Preparation and Storage	Product should be stored at 2-8 degree C. Product is stable for 24 months from the date of manufacturing.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Estradiol elisa kit

Principle of the Assay: The E2 ELISA kit is based on the principle of Delayed competitive binding assay between E2 in the test specimen and E2 enzyme conjugate for a constant amount of anti-Estradiol monoclonal antibody epitops (Biotin reagent). In the incubation, anti-E2 antibody biotin reagent, E2 standards, controls, and samples are incubated for 45 minutes at room temperature (RT), then E2 enzyme conjugate is added on the top of the reaction mixture and incubation continues for 45 minutes more. During the incubation, a fixed amount of HRP-labeled E2 competes with the endogenous E2 in the standard, sample, or quality control serum for a fixed number of binding sites of the specific E2 antibody. E2 peroxidase conjugate immunologically bound to the well progressively decreases as the concentration of E2 in the specimen increases. Unbound of anti-Estradiol Biotin Reagent and E2 peroxidase conjugate is then removed and the wells are washed. Next, a solution of TMB Reagent is added and incubated at room temperature for 20 minutes, resulting in the development of blue color. The color development is stopped with the addition of stop solution, and the absorbance is measured spectrophotometrically at 450 nm. A standard curve is obtained by plotting the concentration of the standard versus the absorbance

Intended Uses: Estradiol (E2) ELISA Kit is intended for the quantitative determination of Estradiol (E2) concentration in human serum and plasma. For research use only. Not for use in diagnostic procedures.

Product Categories/Family for Estradiol elisa kit

Steroid Markers

References

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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://www.aaabiotech.com/human-elisa-kits/estradiol/14605>