

Human Estrone ELISA Kit

Estrone ELISA

CATALOG #
AAA72693

REACTIVITY
Human

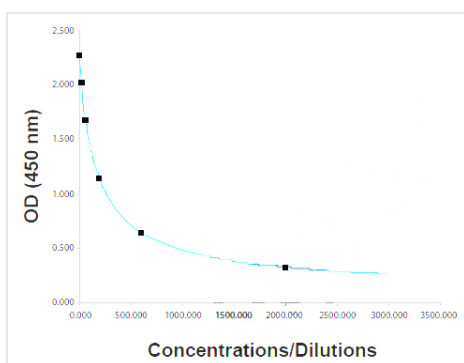
PRODUCT SYNONYMS

Estrone; Estrone ELISA; Estrone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Competitive
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Estrone elisa kit

Intended Uses: For the direct quantitative determination of Estrone in human serum by an enzyme immunoassay. For in vitro use only.

Principle of the Assay: The Estrone ELISA is a competitive immunoassay. Competition occurs between estrone present in standards, controls and patient samples and an enzyme-labelled antigen (conjugate) for a limited number of anti-estrone antibody binding sites on the microplate wells. After a washing step that removes unbound materials, the enzyme substrate is added and 20 minutes later the enzymatic reaction is terminated by addition of stopping solution. The resulting optical density (OD), measured with a microplate reader, is inversely proportional to the concentration of estrone in the sample. A calibrator curve is plotted with a provided set of calibrators to directly calculate the concentration of estrone in patient samples and controls.

Background/Introduction: Estrone is a steroid like estriol and estradiol, belonging to the class of estrogens. The estrogens are involved in the development of female sex organs and secondary sex characteristics. Before the ovum is fertilized the main action of the estrogens is on the growth and function of the reproductive tract in order to prepare it for the fertilized ovum.

Product Categories/Family for Estrone elisa kit

[Endocrinology](#); [Hormones](#); [Oncology](#); [Assay Categories](#)

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/human-elisa-kits/estrone/72693>