

Human Estradiol ELISA Kit

Estradiol (free in saliva) ELISA

CATALOG #
AAA72597

REACTIVITY
Human

PRODUCT SYNONYMS

Estradiol; Estradiol (free in saliva) ELISA; Estradiol elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The following materials have been evaluated for cross reactivity. The percentage indicates cross reactivity at 50% displacement compared to Estradiol.
Samples	Saliva
Detection Range	0.6 - 100 pg/mL
Intra-assay Precision	The intra-assay variation was determined by 20 replicate measurements of three saliva samples using ELISA kit.
Inter-assay Precision	The inter-assay (between-run) variation was determined by duplicate measurements of four saliva samples over 10 different days runs.
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for Estradiol elisa kit	Intended Uses: Enzyme immunoassay for the in vitro use quantitative measurement of active free Estradiol, an estrogenic steroid, in saliva. Results may be used to assess fertility problems in women; to discover menopause, and to monitor hormone replacement therapy. Principle of the Assay: The Estradiol free in Saliva ELISA kit is based on the competition principle and the microplate separation. An unknown amount of Estradiol present in the sample and a fixed amount of Estradiol conjugated with horse-radish peroxidase compete for the binding sites of a polyclonal Estradiol antiserum coated onto the wells. After two hours incubation the microtiter plate is washed to stop the competition reaction. Having added the substrate solution, the concentration of Estradiol is inversely proportional to the optical density measured.
Product Categories/Family for Estradiol 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://www.aaabiotech.com/human-elisa-kits/estradiol/72597>