

Rat E2 (Estradiol) ELISA Kit | E2 elisa kit

QuickKey Pro Rat E2 (Estradiol) ELISA Kit

CATALOG #
AAA177811

REACTIVITY
Rat

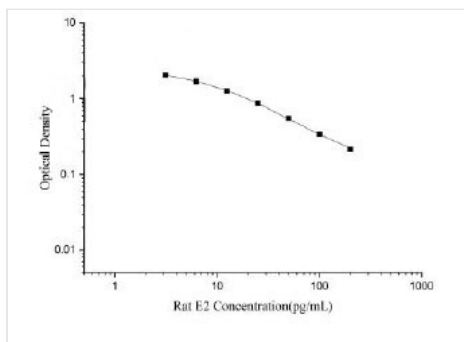
PRODUCT SYNONYMS

E2 (Estradiol); QuickKey Pro Rat E2 (Estradiol) ELISA Kit; Oestradiol; E2; 17beta-Estradiol; Estra-1; 3; 5(10)-triene-3; 17beta-diol; E2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Rat serum, plasma, saliva and urine samples
Assay Type	Quantitative Competitive
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat E2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat E2 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for E2 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of E2 concentrations in Rat serum, plasma, saliva and urine samples. Please contact tech-support for other sample type detection.

Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat E2. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Rat E2 are added to the micro ELISA plate wells. Rat E2 in samples (or standards) competes with a fixed amount of E2 on the solid phase supporter for sites on the HRP linked detection antibody specific to E2. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450+/-2 nm. The concentration of Rat E2 in the samples is then determined by comparing the OD of the samples to the standard curve.

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/rat-elisa-kits/e2-estradiol/177811>