

Sheep E2 (Estradiol) ELISA Kit | E2 elisa kit

QuickKey Pro Sheep E2 (Estradiol) ELISA Kit

CATALOG #
AAA177815

REACTIVITY
Sheep

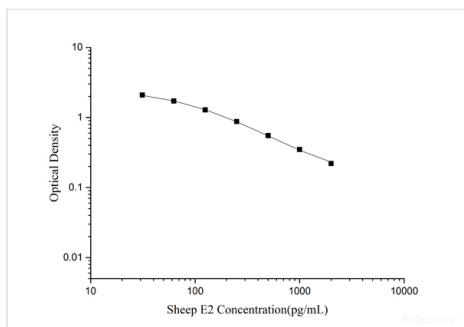
PRODUCT SYNONYMS

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

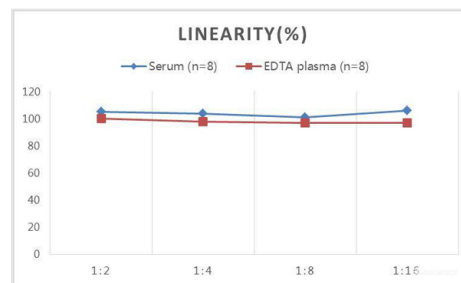
PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Sheep serum and plasma samples
Assay Type	Quantitative Competitive
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Sheep 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 Sheep 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)



Application Data

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 Sheep serum and plasma 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 Sheep E2. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Sheep E2 are added to the micro ELISA plate wells. Sheep 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 Sheep 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://www.aaabiotech.com/sheep-elisa-kits/e2-estradiol/177815>