

Cattle E2 (Estradiol) ELISA Kit | E2 elisa kit

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CATALOG #
AAA278014

REACTIVITY
Cattle

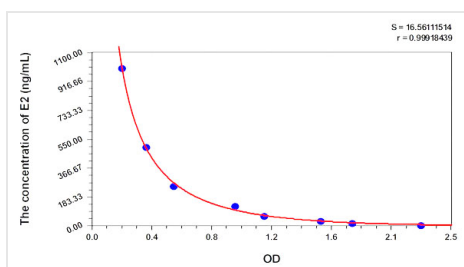
PRODUCT SYNONYMS

E2 (Estradiol); Cattle E2 (Estradiol) ELISA Kit; 17B-Estradiol; Oestradiol; Beta-Estradiol; E2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Assay Type	Competitive Inhibition
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	46.88-3000pg/mL
Sensitivity	14.42pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for E2 elisa kit

Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle E2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle E2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Cattle E2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for E2 elisa kit

Endocrinology; Reproductive science; Hormone metabolism

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/cat-cattle-elisa-kits/e2-estradiol/278014>