

Sheep Estrogens ELISA Kit | ES elisa kit

Sheep Estrogens ELISA Kit

CATALOG #
AAA95572

REACTIVITY
Sheep

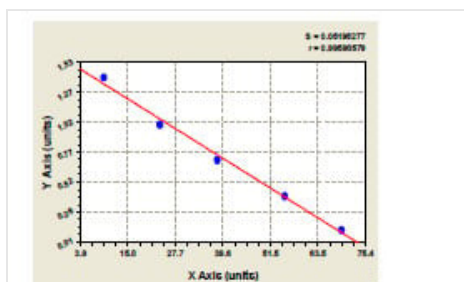
PRODUCT SYNONYMS

Estrogens; Sheep Estrogens ELISA Kit; ES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ES elisa kit

Intended Uses: This Estrogens ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Estrogens.

Principle of the Assay: Estrogens ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-Estrogens antibody and an Estrogens-HRP conjugate. The assay sample and buffer are incubated together with Estrogens-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Estrogens concentration since Estrogens from samples and Estrogens-HRP conjugate compete for the anti-Estrogens antibody binding site. Since the number of sites is limited, as more sites are occupied by Estrogens from the sample, fewer sites are left to bind Estrogens-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Estrogens concentration in each sample is interpolated from this 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.