

ELISA Kit for Estrogen Receptor Alpha (ERa)

Catalog No: tcue2304

Available Sizes

Size: 96T

Specifications

Research Area:

Endocrinology;

Species Reactivity:

Mus musculus (Mouse)

Sample Type:

tissue homogenates, cell lysates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.112ng/mL

Detection Range:

0.312-20ng/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application: ELISA		
SwissProt: P19785		

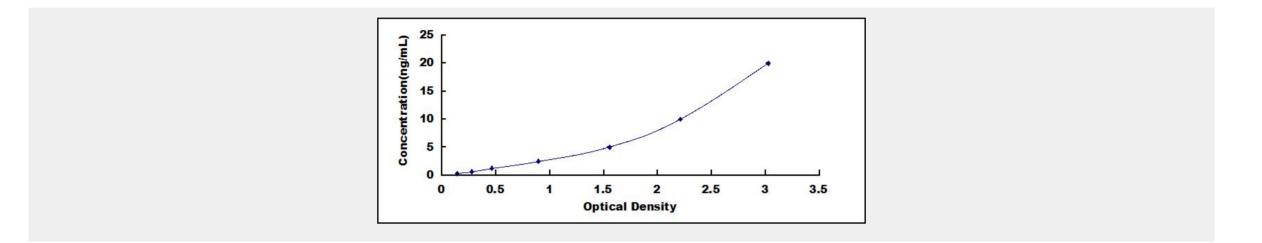
Test Principle

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated

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with an antibody specific to Estrogen Receptor Alpha (ERa). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Estrogen Receptor Alpha (ERa). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Estrogen Receptor Alpha (ERa), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzymesubstrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Estrogen Receptor Alpha (ERa) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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