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## **Product Datasheet**

## Mouse E2(Estradiol) ELISA Kit orb1994898

**Description** Mouse E2(Estradiol) ELISA Kit

Reactivity Mouse

**Range** 15.63-1000 pg/mL

Sensitivity 4.45 pg/mL

**Note** For research use only.

Sample Types serum, plasma, tissue homogenates, cell lysates, cell culture supernates

and other biological fluids

**Expiration Date** Please enquire.

Application Notes This assay employs the competitive inhibition enzyme immunoassay technique. The

microtiter plate provided in this kit has been pre-coated with Mouse E2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse E2 in the samples is then determined by comparing the OD of the

samples to the standard curve.