

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Mouse Estradiol (E2) ELISA Kit BYT-ORB1994898

Article Name	Mouse Estradiol (E2) ELISA Kit
Biozol Catalog Number	BYT-ORB1994898
Supplier Catalog Number	orb1994898
Alternative Catalog Number	BYT-ORB1994898-48, BYT-ORB1994898-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	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 biot...
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	14.45 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 3000 pg/mL. Test principle: 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