

Product Datasheet

General GonadotropinReleasing Hormone (GnRH) ELISA Kit (orb1146754)

Catalog Number orb1146754

Category Assays and Kits

Description This assay employs the competitive inhibition enzyme immunoassay technique.

The microtiter plate provided in this kit has been pre-coated with

GonadotropinReleasing Hormone(GnRH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to GonadotropinReleasing Hormone(GnRH). 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 \pm 10nm. The concentration of GonadotropinReleasing Hormone(GnRH) in the samples is

then determined by comparing the OD of the samples to the standard curve.

Reactivity All

Concentration 1000 pg/mL

Application notes standard: 1000 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 GnRH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to GnRH. 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 GnRH in the samples is then

determined by comparing the OD of the samples to the standard curve

Assay Type Competitive

Assay Time 2.5h





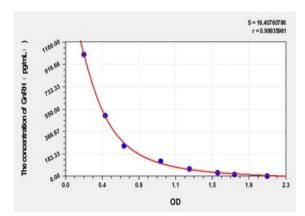
Range 15.63-1000 pg/mL

Sensitivity 9.26 pg/mL

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

other biological fluids

Note For research use only



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