

Product Datasheet

Rat Follicle Stimulating Hormone (FSH) ELISA Kit (orb775180)

Catalog Number	orb775180
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 Follicle Stimulating Hormone(FSH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Follicle Stimulating Hormone(FSH).
Reactivity	Rat
Concentration	100 mIU/mL
Tested applications	ELISA
Application notes	standard: 100 mIU/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat FSH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat FSH. 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 Rat FSH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Rat FSH in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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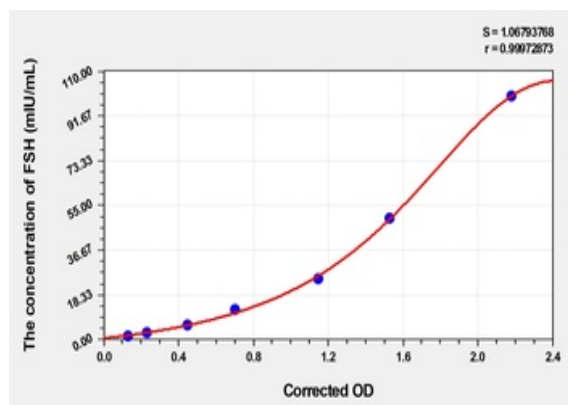
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Range	3.13-200 ng/mL
Sensitivity	0.91 ng/mL
Sample Types	serum, plasma and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb775180 ELISA kit.

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