

Product Datasheet

Rat D-Dimer (D2D) ELISA Kit (orb778681)

Catalog Number	orb778681
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 D-Dimer(D2D) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to D-Dimer(D2D).
Reactivity	Rat
Concentration	1000 ng/mL
Tested applications	ELISA
Application notes	standard: 1000 ng/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 D2D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat D2D. 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 D2D, 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 D2D in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	15.63-1000 ng/mL
Sensitivity	4.8 ng/mL

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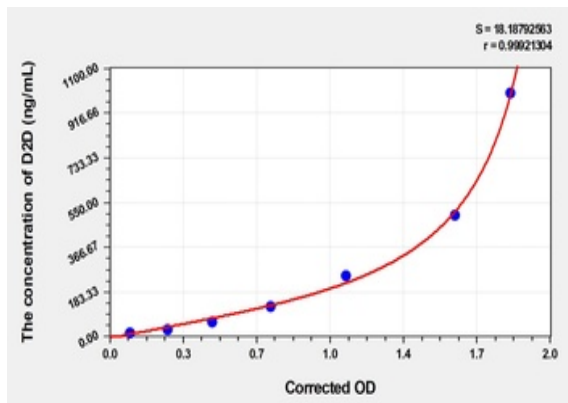
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Sample Types	plasma
Note	For research use only
Expiration Date	Please enquire.



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