

Product Datasheet

Mouse D-Dimer (D2D) ELISA Kit (orb775176)

Catalog Number	orb775176
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	Mouse
Concentration	500 ng/mL
Tested applications	ELISA
Application notes	standard: 500 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 Mouse D2D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse 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	7.82-500 ng/mL
Sensitivity	2.67 ng/mL

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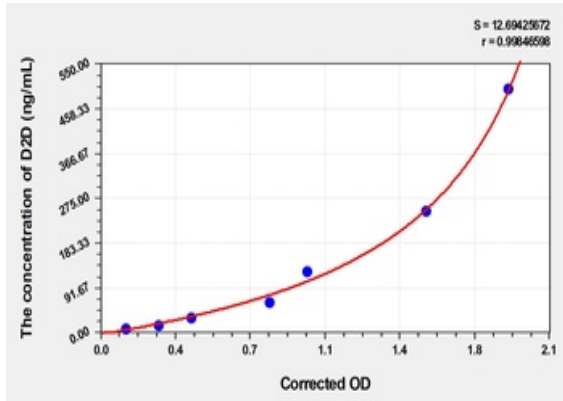
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Sample Types	plasma
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb775176 ELISA kit.

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