

Product Datasheet

Mouse Anti-double stranded DNA Antibody IgM (dsDNA) ELISA Kit (orb1291293)

Catalog Number	orb1291293
Category	Assays and Kits
Description	Mouse dsDNA (anti-double stranded DNA antibody IgM) ELISA KIT
Reactivity	Mouse
Concentration	100 ng/mL
Tested applications	ELISA
Application notes	<p>standard: 100 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 dsDNA IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse dsDNA IgM. 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 dsDNA IgM, 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 dsDNA IgM in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	1.57-100 ng/mL
Sensitivity	0.59 ng/mL

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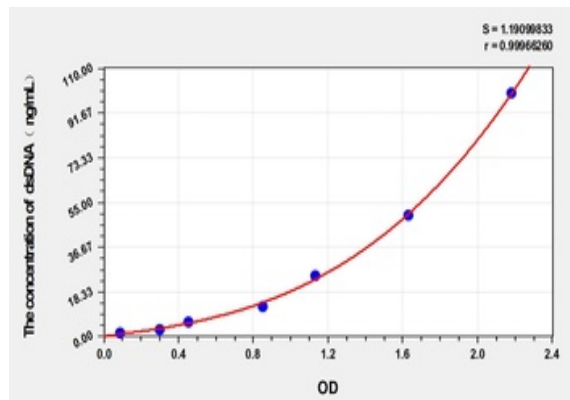
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Sample Types serum, plasma, urine and other biological fluids

Note For research use only

Expiration Date Please enquire.

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