

Product Datasheet

Human Anti-double stranded DNA Antibody IgG (dsDNA) ELISA Kit (orb866928)

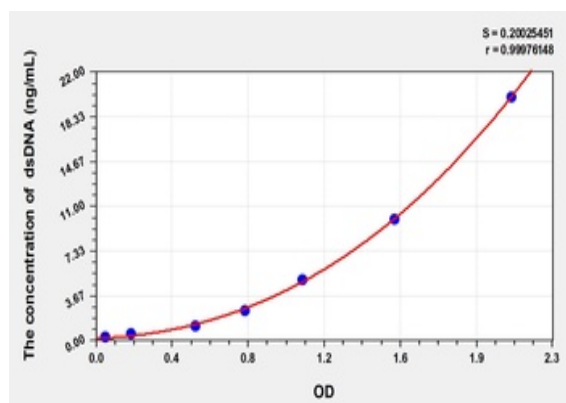
Catalog Number	orb866928
Description	Sandwich Human dsDNA ELISA Kit
Reactivity	Human
Range	0.32-20 ng/mL
Tested Applications	ELISA
Concentration	20 ng/mL
Note	For research use only
Application notes	standard: 20 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human dsDNA IgG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human dsDNA IgG. 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 Human dsDNA IgG, 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 Human dsDNA IgG in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, urine and other biological fluids
Assay Time	3.5h
Sensitivity	0.096ng/mL
Expiration Date	Please enquire.

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