

Product Datasheet

Human Anti-Sperm Antibody (Anti-AsAb) ELISA Kit (orb781908)

Catalog Number	orb781908
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 Anti-Anti-Sperm Antibody Antibody(Anti-AsAb) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Anti-Anti-Sperm Antibody Antibody(Anti-AsAb).
Reactivity	Human
Concentration	200 ng/mL
Tested applications	ELISA
Application notes	standard: 200 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 Anti-AsAb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-AsAb. 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 Anti-AsAb, 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 Anti-AsAb 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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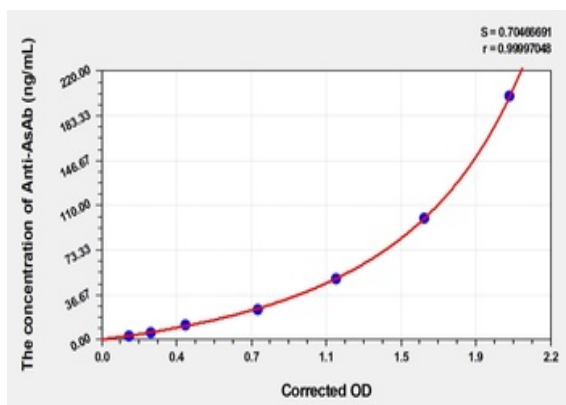
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Range	3.13-200 ng/mL
Sensitivity	1.19 ng/mL
Sample Types	serum, plasma and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb781908 ELISA kit.

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