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Product Datasheet

Human Anti-Sperm Antibody (Anti-AsAb) ELISA Kit BYT-ORB781908

Article Name	Human Anti-Sperm Antibody (Anti-AsAb) ELISA Kit
Biozol Catalog Number	BYT-ORB781908
Supplier Catalog Number	orb781908
Alternative Catalog Number	BYT-ORB781908-48, BYT-ORB781908-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product 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 mic...
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.19 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

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 10nm. The concentration of Human Anti-AsAb in the samples is then determined by comparing the OD of the samples to the standard curve