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Product Datasheet

Human Antibacterial Protein LL-37 (LL-37) ELISA Kit BYT-ORB782025

Article Name	Human Antibacterial Protein LL-37 (LL-37) ELISA Kit
Biozol Catalog Number	BYT-ORB782025
Supplier Catalog Number	orb782025
Alternative Catalog Number	BYT-ORB782025-48, BYT-ORB782025-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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 Cathelicidin Antimicrobial Peptide(CAMP)....
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.28 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 50 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 LL-37. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LL-37. 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 LL-37, 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 LL-37 in the samples is then determined by comparing the OD of the samples to the standard curve