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Product Datasheet

Guinea pig Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit BYT-ORB781549

Article Name	Guinea pig Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit
Biozol Catalog Number	BYT-ORB781549
Supplier Catalog Number	orb781549
Alternative Catalog Number	BYT-ORB781549-48, BYT-ORB781549-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Guinea pig
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 Monocyte Chemotactic Protein 1(MCP1)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
UniProt	Q08782
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 pg/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 Guinea pig MCP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig MCP1. 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 Guinea pig MCP1, 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 Guinea pig MCP1 in the samples is then determined by comparing the OD of the samples to the standard curve