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Product Datasheet

Human cancer Antigen 27-29 (CA 27-29) ELISA Kit BYT-ORB782396

Article Name	Human cancer Antigen 27-29 (CA 27-29) ELISA Kit
Biozol Catalog Number	BYT-ORB782396
Supplier Catalog Number	orb782396
Alternative Catalog Number	BYT-ORB782396-48, BYT-ORB782396-96
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 CA 27-29(cancer antigen 27-29)....
Concentration	100 U/mL
Range	1.57-100 U/mL
Sensitivity	0.8 U/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Application Notes: standard: 100 U/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 CA 27-29. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CA 27-29. 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 CA 27-29, 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 CA 27-29 in the samples is then determined by comparing the OD of the samples to the standard curve