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Product Datasheet

Human Butyric Acid (BA) ELISA Kit BYT-ORB782455

Article Name	Human Butyric Acid (BA) ELISA Kit
Biozol Catalog Number	BYT-ORB782455
Supplier Catalog Number	orb782455
Alternative Catalog Number	BYT-ORB782455-48, BYT-ORB782455-96
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 Butyric Acid(BA) protein. Standards or samples are added to the appropriate microtiter plate wells then wit...
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	49.2 pg/mL
Samples	Biological agents

Application Notes

Application Notes: standard: 10000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human BA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human BA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 BA in the samples is then determined by comparing the OD of the samples to the standard curve