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## Product Datasheet

### General Vanillylmandelic Acid (VMA) ELISA Kit BYT-ORB782068

Article Name	General Vanillylmandelic Acid (VMA) ELISA Kit
Biozol Catalog Number	BYT-ORB782068
Supplier Catalog Number	orb782068
Alternative Catalog Number	BYT-ORB782068-48, BYT-ORB782068-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Vanillylmandelic Acid(VMA) protein. Standards or samples are added to the appropriate microtiter plate well...
Concentration	10000 ng/mL
Range	156.25-10000 ng/mL
Sensitivity	43 ng/mL
Samples	urine and biological agents

Application Notes

Application Notes: standard: 10000 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with VMA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to VMA. 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 VMA in the samples is then determined by comparing the OD of the samples to the standard curve