

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

General Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) ELISA Kit BYT-ORB781857

Article Name	General Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) ELISA Kit
Biozol Catalog Number	BYT-ORB781857
Supplier Catalog Number	orb781857
Alternative Catalog Number	BYT-ORB781857-48, BYT-ORB781857-96
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 Nicotinic Acid Adenine Dinucleotide Phosphate(NAADP) protein. Standards or samples are added to the appropri...
Concentration	10000 ng/mL
Range	156.25-10000 ng/mL
Sensitivity	51 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

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 NAADP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to NAADP. 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 NAADP in the samples is then determined by comparing the OD of the samples to the standard curve