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Product Datasheet

Rat Mitochondrial Open Reading Frame of the 12S rRNA-c (MOTS-c) ELISA Kit BYT-ORB782062

Article Name	Rat Mitochondrial Open Reading Frame of the 12S rRNA-c (MOTS-c) ELISA Kit
Biozol Catalog Number	BYT-ORB782062
Supplier Catalog Number	orb782062
Alternative Catalog Number	BYT-ORB782062-48, BYT-ORB782062-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mitochondrial Open Reading Frame Of The 12S rRNA-c(MOTS-c) protein. Standards or samples are added to the a...
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	0.97 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 200 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 Rat MOTS-c protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MOTS-c. 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 Rat MOTS-c in the samples is then determined by comparing the OD of the samples to the standard curve