

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

Product Datasheet

General Trimethylamine-N-oxide (TMAO) ELISA Kit Preis auf Anfrage BYT-ORB782472

Article Name	General Trimethylamine-N-oxide (TMAO) ELISA Kit Preis auf Anfrage
Biozol Catalog Number	BYT-ORB782472
Supplier Catalog Number	orb782472
Alternative Catalog Number	BYT-ORB782472-24, BYT-ORB782472-48, BYT-ORB782472-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
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 Trimethylamine-N-oxide(TMAO)....
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	4.89 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 ng/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 TMAO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to TMAO. 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 TMAO, 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 TMAO in the samples is then determined by comparing the OD of the samples to the standard curve