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Product Datasheet

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

Artikelname	General Trimethylamine-N-oxide (TMAO) ELISA Kit Preis auf Anfrage
Artikelnummer	BYT-ORB782472
Hersteller Artikelnummer	orb782472
Alternativnummer	BYT-ORB782472-24, BYT-ORB782472-48, BYT-ORB782472-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	All
Produktbeschreibung	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)....
Konzentration	1000 ng/mL
Detektionsbereich	15.63-1000 ng/mL
Sensitivitaet	4.89 ng/mL
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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