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Product Datasheet

General 5-Hydroxytryptamine (5-HT) ELISA Kit BYT-ORB1806508

Artikelname	General 5-Hydroxytryptamine (5-HT) ELISA Kit
Artikelnummer	BYT-ORB1806508
Hersteller Artikelnummer	orb1806508
Alternativnummer	BYT-ORB1806508-48,BYT-ORB1806508-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	All
Produktbeschreibung	General 5-Hydroxytryptamine (5-HT) ELISA Kit...
Detektionsbereich	14.07-900ng/mL
Sensitivitaet	3.97 ng/mL
Proben	serum, plasma, tissue homogenates
Target-Kategorie	5-HT

Anwendungsbeschreibung

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-Hydroxytryptamine(5-HT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-Hydroxytryptamine(5-HT). 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 5-Hydroxytryptamine(5-HT) in the samples is then determined by comparing the OD of the samples to the standard curve