

Product Datasheet

Zebrafish 5-HT(5-Hydroxytryptamine) ELISA Kit (orb1946645)

Description	Zebrafish 5-HT(5-Hydroxytryptamine) ELISA Kit
Reactivity	Zebrafish
Range	14.07-900 ng/mL
Target	5-HT
Note	For research use only
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.
Sample Types	serum, plasma, tissue homogenates
Sensitivity	3.97 ng/mL
Expiration Date	Please enquire.

