

Product Datasheet

Human 5-HT ELISA Kit (orb782318)

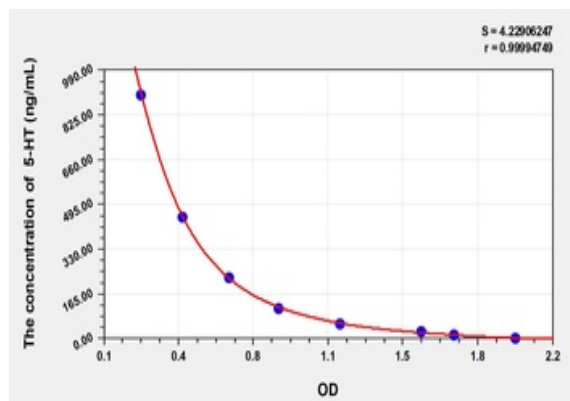
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-Hydroxytryptamine(5-HT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-Hydroxytryptamine(5-HT).
Reactivity	Human
Range	14.07-900 ng/mL
Tested Applications	ELISA
Concentration	900 ng/mL
Note	For research use only
Application notes	standard: 900 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 Human 5-HT protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Human 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	4.05 ng/mL
Expiration Date	Please enquire.

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