

Product Datasheet

Mouse 5-Hydroxytryptamine (5-HT) ELISA Kit (orb1088201)

Catalog Number orb1088201

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

Reactivity Mouse

Range 14.07-900 ng/mL

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 Mouse 5-HT protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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

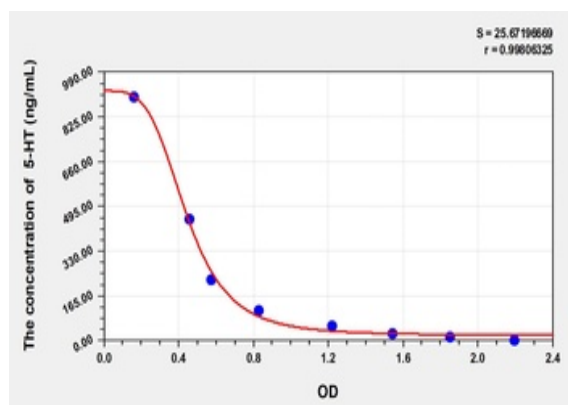
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Assay Time	2.5h
Sensitivity	3.93 ng/mL
Expiration Date	Please enquire.

**Biorbyt Ltd.**

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