

5-Hydroxytryptamine (5-HT) Rapid ELISA kit

This Rapid ELISA kit applies Competitive Inhibition enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with 5-Hydroxytryptamine (5-HT) protein. Standards or samples are added to the appropriate micro ELISA 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 $450\text{nm} \pm 10\text{nm}$. The concentration of 5-Hydroxytryptamine (5-HT) in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No. | 3510166 |
| Size | 96-Well Tests |
| Product Category | Rapid ELISA |
| Reactivity | Various |
| Sample | Serum; Plasma; Tissue Homogenates |
| Assay Method | Competitive Inhibition ELISA |
| Assay Duration | 45 min |
| Sensitivity | 3.97 ng/mL |
| Standard Curve Range | 14.07-900 ng/mL |
| Storage/Stability | -20°C/1 year; 4°C/6 months |