General 5HT/Serotonin ELISA Kit

E45K00445

Catalog Number:E45K00445

Species Reactivity: General

Storage: Store at +4°C. Please refer to protocols.

Cite ID#:EN5520896

Type: General ELISA Kits

Description: General 5HT/Serotonin ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of 5HT in biological samples. Our rigorously validated, ready-to-go General 5HT/Serotonin ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect 5HT in your samples. Appropriate sample types may include Cell Culture Supernates, Serum, Platelet-poor EDTA Plasma, Platelet-poor Heparin Plasma, Urine. Precision Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested several times on one plate to assess intra-assay precision. Inter-Assay Precision (Precision between assays): Three samples of known concentration were tested in several separate assays to assess inter-assay precision. Assays were performed by at least two technicians using two lots of components.

Assay type: Competitive

Detection principle: Spectrophotometrical

Sample type: This immunoassay kit allows for the in vitro quantitative determination in Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

Sensitivity:0.35 ng/mL

Assay range:0.78-50 ng/mL

Kit components: Assay Plate, Standard, Sample Diluent, Assay Diluent A&B, Detection Reagent A&B, Wash Buffer, Substrate, Stop Solution.

Other reagents required: Deionized or distilled water

Gene Name:5HT

Function: Serotonin or 5-hydroxytryptamine (5-HT) is a monoamine neurotransmitter. Biochemically derived from tryptophan, serotonin is primarily found in the gastrointestinal (GI) tract, platelets, and in the central nervous system (CNS) of animals including humans. It is popularly thought to be a contributor to feelings of well-being and happiness.

For Research Use Only

Form:ELISA Kits

Synonyms:5-hydroxytryptamine