

General ST/5-HT ELISA Kit | Serotonin/5-HT elisa kit

ST/5-HT (Serotonin/5-Hydroxytryptamine) ELISA Kit

CATALOG #
AAA21849

REACTIVITY
General

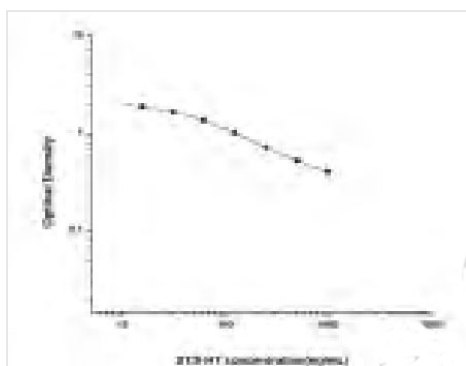
PRODUCT SYNONYMS

ST/5-HT; ST/5-HT (Serotonin/5-Hydroxytryptamine) ELISA Kit; Serotonin/5-HT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes ST/5-HT in samples. No significant cross-reactivity or interference between ST/5-HT and analogues was observed
Sequence Length	752
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 ng/mL
Sensitivity	9.38 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level ST/5-HT were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level ST/5-HT were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serotonin/5-HT elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with ST/5-HT. During the reaction, ST/5-HT in samples or Standard competes with a fixed amount of ST/5-HT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to ST/5-HT. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of ST/5-HT in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of ST/5-HT concentrations in serum, plasma and other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	119855479
Molecular Weight	83,781 Da
NCBI Official Full Name	serotonin receptor type 2
UniProt Protein Name	Serotonin receptor type 2
UniProt Entry Name	B8LF39_MACRS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serotonin-5-ht-general-elisa-kits/st-5-ht/21849>