

Rat 5-Hydroxytryptamine (5HT) ELISA Kit | 5HT elisa kit

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CATALOG #
AAA330208

REACTIVITY
Rat

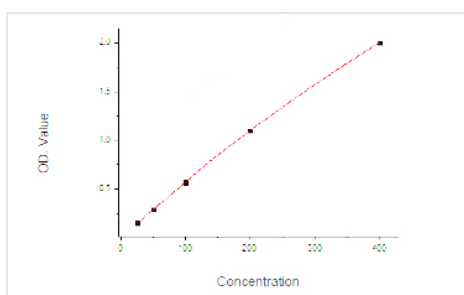
PRODUCT SYNONYMS

5-Hydroxytryptamine (5HT); Rat 5-Hydroxytryptamine (5HT) ELISA Kit; 5HT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5HT elisa kit

Principle of the Assay: Rat 5-Hydroxytryptamine (5HT) ELISA Kit employs a two-site sandwich ELISA to quantitate 5HT in samples. An antibody specific for 5HT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any 5HT present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Rat 5HT detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of 5HT bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: 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. 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.