

Rat 5-Hydroxytryptamine, 5HT ELISA Kit | 5HT elisa kit

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CATALOG #
AAA80113

REACTIVITY
Rat

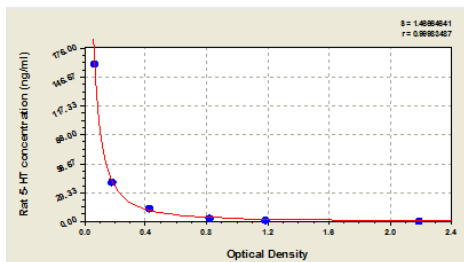
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat 5-HT. No significant cross-reactivity or interference between rat 5-HT and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, cell lysates, tissue homogenates
Detection Range	0.8 ng/ml-160 ng/ml
Sensitivity	< 0.4 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5HT elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for 5-HT and Horseradish Peroxidase (HRP) conjugated 5-HT. The competitive inhibition reaction is launched between with HRP labeled 5-HT and unlabeled 5-HT with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of 5-HT in the sample. The color development is stopped and the intensity of the color is measured.

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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/5-hydroxytryptamine-5ht/80113>