

Rat 5-hydroxytryptamine Receptor 2A ELISA Kit | HTR2A elisa kit

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CATALOG #
AAA122931

REACTIVITY
Rat

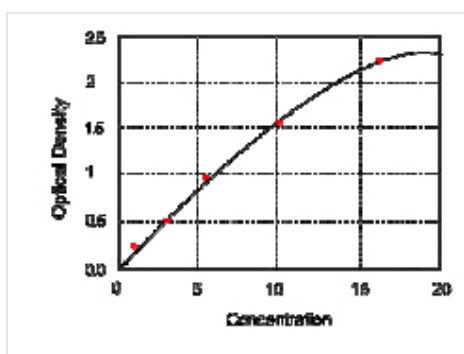
PRODUCT SYNONYMS

5-hydroxytryptamine Receptor 2A; Rat 5-hydroxytryptamine Receptor 2A ELISA Kit; HTR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	471
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-3000ng/L
Sensitivity	5.33ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTR2A elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat 5-Hydroxytryptamine Receptor 2A (also known as HTR2A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HTR2A antibody. HTR2A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HTR2A Antibody is added and binds to HTR2A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HTR2A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HTR2A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20379138
NCBI GeneID	3356
NCBI Official Full Name	5-hydroxytryptamine receptor 2A
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 2A
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A

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-receptor-2a/122931>