

Rat 5-hydroxytryptamine (serotonin) receptor 2A ELISA Kit | HTR2A elisa kit

Rat Serotonin Receptor 2A/5-hydroxytryptamine Receptor 2A, 5-HT-2A ELISA Kit

CATALOG #
AAA80792

REACTIVITY
Rat

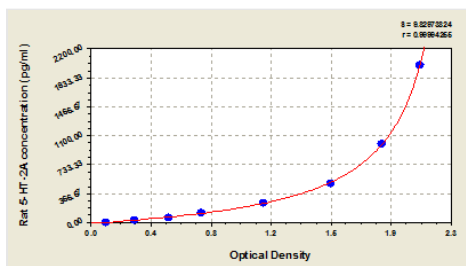
PRODUCT SYNONYMS

5-hydroxytryptamine (serotonin) receptor 2A; Rat Serotonin Receptor 2A/5-hydroxytryptamine Receptor 2A; 5-HT-2A ELISA Kit; Rat Serotonin Receptor 2A/5-hydroxytryptamine Receptor 2A (5-HT-2A) ELISA Kit; RP11-147L20.2; 5-HT2A; HTR2; 5-HT2 receptor; 5-hydroxytryptamine receptor 2A; serotonin 5-HT-2A receptor; HTR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat 5-HT-2A. No significant cross-reactivity or interference between rat 5-HT-2A and analogues was observed.
Sequence Length	471
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 HTR2A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for 5-HT-2A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any 5-HT-2A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for 5-HT-2A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of 5-HT-2A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393583
NCBI GeneID	29595
NCBI Accession #	NP_058950.1
NCBI GenBank Nucleotide #	NM_017254.1
UniProt Accession #	P14842
Molecular Weight	52,850 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 2A
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled
NCBI Official Symbol	Htr2a
NCBI Official Synonym Symbols	5Ht-2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A; 5-HT-2; 5-HT-2A; serotonin receptor 2A; serotonin 5HT-2 receptor
UniProt Protein Name	5-hydroxytryptamine receptor 2A
UniProt Gene Name	Htr2a
UniProt Synonym Gene Names	Htr2; 5-HT-2; 5-HT-2A
UniProt Entry Name	5HT2A_RAT

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/htr2a-rat-elisa-kits/5-hydroxytryptamine-serotonin-receptor-2a/80792>