

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

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CATALOG #
AAA249625

REACTIVITY
Human

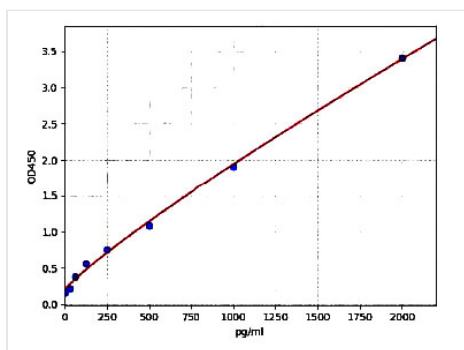
PRODUCT SYNONYMS

HTR2A (5-hydroxytryptamine receptor 2A); Human HTR2A (5-hydroxytryptamine receptor 2A) ELISA Kit; 5-hydroxytryptamine receptor 2A; 5-HT-2; 5-HT-2A; Serotonin receptor 2A; HTR2; HTR2A; HTR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HTR2A. No significant cross-reactivity or interference between HTR2A and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTR2A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835175
NCBI GeneID	3356
NCBI Accession #	NP_000612.1
NCBI GenBank Nucleotide #	NM_000621.4
UniProt Accession #	P28223; Q5T8C0; B2RAC5; B4DZ79; F5GWE8
Molecular Weight	53kDa
NCBI Official Full Name	5-hydroxytryptamine receptor 2A isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A; 5-HT-2A; 5-HT2 receptor; serotonin 5-HT-2A 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_HUMAN

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/human-elisa-kits/htr2a-5-hydroxytryptamine-receptor-2a/249625>