

Human HTR3A (5-hydroxytryptamine receptor 3A) ELISA Kit | HTR3A elisa kit

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CATALOG #
AAA250040

REACTIVITY
Human

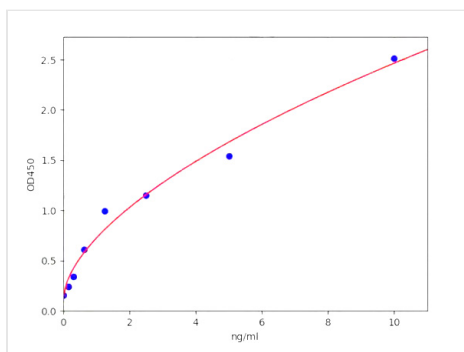
PRODUCT SYNONYMS

HTR3A (5-hydroxytryptamine receptor 3A); Human HTR3A (5-hydroxytryptamine receptor 3A) ELISA Kit; 5-hydroxytryptamine receptor 3A; 5-HT3-A; 5-HT3A; 5-hydroxytryptamine receptor 3; 5-HT-3; 5-HT3R; Serotonin receptor 3A; Serotonin-gated ion channel receptor; HTR3A; 5HT3R; HTR3; HTR3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HTR3A. No significant cross-reactivity or interference between HTR3A and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 HTR3A 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 #	253735700
NCBI GeneID	3359
NCBI Accession #	NP_000860.2
NCBI GenBank Nucleotide #	NM_000869.5
UniProt Accession #	P46098; O60854; Q7KZM7; Q99918; Q9BSZ9; B4DSY6; G5E986
Molecular Weight	55,280 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 3A isoform b
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 3A, ionotropic
NCBI Official Symbol	HTR3A
NCBI Official Synonym Symbols	HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R
NCBI Protein Information	5-hydroxytryptamine receptor 3A; 5-HT3-A; serotonin receptor 3A; 5HT3 serotonin receptor; serotonin-gated ion channel receptor
UniProt Protein Name	5-hydroxytryptamine receptor 3A
UniProt Gene Name	HTR3A
UniProt Synonym Gene Names	5HT3R; HTR3; 5-HT3-A; 5-HT3A; 5-HT-3; 5-HT3R
UniProt Entry Name	5HT3A_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/htr3a-5-hydroxytryptamine-receptor-3a/250040>