

Rat Htr1a (5-hydroxytryptamine receptor 1A) ELISA Kit | Htr1a elisa kit

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CATALOG #
AAA250254

REACTIVITY
Rat

PRODUCT SYNONYMS

Htr1a (5-hydroxytryptamine receptor 1A); Rat Htr1a (5-hydroxytryptamine receptor 1A) ELISA Kit; 5-hydroxytryptamine receptor 1A; 5-HT-1A; 5-HT1A; Serotonin receptor 1A; 5ht1a; Htr1a; Htr1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Htr1a. No significant cross-reactivity or interference between Htr1a and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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

ADDITIONAL INFORMATION

Related Product Information for Htr1a 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 #	6981054
NCBI GeneID	24473
NCBI Accession #	NP_036717.1
NCBI GenBank Nucleotide #	NM_012585.1
UniProt Accession #	P19327
Molecular Weight	46,429 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1A

NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 1A
NCBI Official Symbol	Htr1a
NCBI Official Synonym Symbols	5HT1A; RAT5HT1A
NCBI Protein Information	5-hydroxytryptamine receptor 1A
UniProt Protein Name	5-hydroxytryptamine receptor 1A
UniProt Gene Name	Htr1a
UniProt Synonym Gene Names	5ht1a; 5-HT-1A; 5-HT1A

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://www.aaabiotech.com/rat-elisa-kits/htr1a-5-hydroxytryptamine-receptor-1a/250254>