

Human 5-hydroxytryptamine receptor 1B ELISA Kit | HTR1B elisa kit

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CATALOG #
AAA100424

REACTIVITY
Human

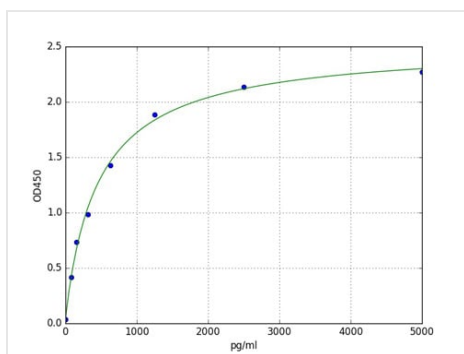
PRODUCT SYNONYMS

5-hydroxytryptamine receptor 1B; Human 5-hydroxytryptamine receptor 1B ELISA Kit; HTR1B/5-HT1B (5-hydroxytryptamine receptor 1B)/5HT1DB/HTR1D2/HTR1DB/S12/Serotonin 1D beta receptor/Serotonin receptor 1B/5-HT-1B/5-HT1DB/5-HT-1D-beta; HTR1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	390
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a HTR1B ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.025	0.057	0.085	0.162	0.289	0.537	1.209	2.378

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTR1B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-HTR1B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-HTR1B antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 HTR1B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of HTR1B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504533
NCBI GeneID	3351
NCBI Accession #	NP_000854.1
NCBI GenBank Nucleotide #	NM_000863.2
Molecular Weight	43,568 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1B
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 1B
NCBI Official Symbol	HTR1B
NCBI Official Synonym Symbols	S12; 5-HT1B; HTR1D2; HTR1DB; 5-HT-1B; 5-HT1DB; 5-HT-1D-beta
NCBI Protein Information	5-hydroxytryptamine receptor 1B
UniProt Protein Name	5-hydroxytryptamine receptor 1B
UniProt Gene Name	HTR1B
UniProt Synonym Gene Names	HTR1DB; 5-HT-1B; 5-HT1B; 5-HT-1D-beta
UniProt Entry Name	5HT1B_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/htr1b-human-elisa-kits/5-hydroxytryptamine-receptor-1b/100424>