

Human 5-Hydroxytryptamine Receptor 4 (HTR4) RTU ELISA Kit | HTR4 rtu elisa kit

Human 5-Hydroxytryptamine Receptor 4 (HTR4) ELISA Kit

CATALOG #
AAA71291

REACTIVITY
Human

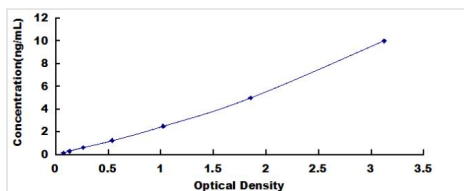
PRODUCT SYNONYMS

5-Hydroxytryptamine Receptor 4 (HTR4); Human 5-Hydroxytryptamine Receptor 4 (HTR4) ELISA Kit; 5-HT4; 5-HT4R; Serotonin Receptor 4; 5-HT4 Receptor; HTR4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	388
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTR4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HTR4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HTR4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HTR4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HTR4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321563
NCBI GeneID	3360
NCBI Accession #	NP_000861.1
NCBI GenBank Nucleotide #	NM_000870.6
UniProt Accession #	Q13639; Q546Q1; Q684M0; Q712M9; Q96KH9; Q96KI0; Q9H199; Q9NY73; Q9UBM6; Q9UBT4; Q9UE22; C4WYH4
Molecular Weight	46,907 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 4 isoform b
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 4
NCBI Official Symbol	HTR4
NCBI Official Synonym Symbols	5-HT4; 5-HT4R
NCBI Protein Information	5-hydroxytryptamine receptor 4
UniProt Protein Name	5-hydroxytryptamine receptor 4
UniProt Gene Name	HTR4
UniProt Synonym Gene Names	5-HT-4; 5-HT4

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/human-rtu-elisa-kits/5-hydroxytryptamine-receptor-4-htr4/71291>