

Rat 5-Hydroxytryptamine Receptor 2C ELISA Kit | HTR2C elisa kit

Rat 5-Hydroxytryptamine Receptor 2C ELISA Kit

CATALOG #
AAA122904

REACTIVITY
Rat

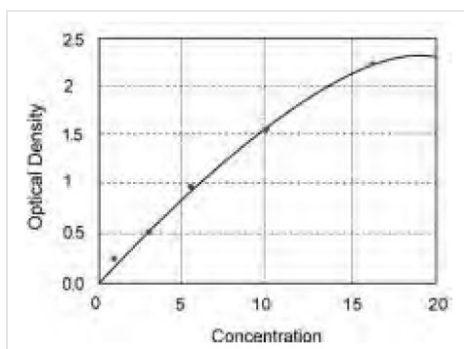
PRODUCT SYNONYMS

5-Hydroxytryptamine Receptor 2C; Rat 5-Hydroxytryptamine Receptor 2C ELISA Kit; HTR2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	458
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.016ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTR2C elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HTR2C antibody. HTR2C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HTR2C Antibody is added and binds to HTR2C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HTR2C antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HTR2C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat 5-Hydroxytryptamine Receptor 2C (also known as HTR2C) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	377520137
NCBI GeneID	3358
NCBI Accession #	NP_001243689.1
NCBI GenBank Nucleotide #	NM_001256760.2
UniProt Accession #	P28335
NCBI Official Full Name	5-hydroxytryptamine receptor 2C isoform a
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 2C
NCBI Official Symbol	HTR2C
NCBI Official Synonym Symbols	HTR1C; 5-HT1C; 5-HT2C; 5HTR2C; 5-HTR2C
NCBI Protein Information	5-hydroxytryptamine receptor 2C
UniProt Protein Name	5-hydroxytryptamine receptor 2C
UniProt Gene Name	HTR2C
UniProt Synonym Gene Names	HTR1C; 5-HT-2C; 5-HT2C; 5-HTR2C; 5-HT-1C; 5-HT1C
UniProt Entry Name	5HT2C_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.