

Rat 5-hydroxytryptamine receptor 3B ELISA Kit | HTR3B elisa kit

Rat 5-hydroxytryptamine receptor 3B (HTR3B) ELISA Kit

CATALOG #
AAA55382

REACTIVITY
Rat

PRODUCT SYNONYMS

5-hydroxytryptamine receptor 3B; Rat 5-hydroxytryptamine receptor 3B (HTR3B) ELISA Kit; HTR3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat HTR3B. No significant cross-reactivity or interference between Rat HTR3B and analogues was observed.
Sequence Length	441
Samples	serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/mL - 100 pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HTR3B elisa kit	Intended Uses: For the quantitative detection of Rat 5-hydroxytryptamine receptor 3B (HTR3B) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HTR3B in Rat serum, plasma. An antibody specific for HTR3B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HTR3B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HTR3B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HTR3B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11559956
NCBI GeneID	58963
NCBI Accession #	NP_071525.1
NCBI GenBank Nucleotide #	NM_022189.1
UniProt Accession #	Q9JJ16 ; Q9ERJ5
Molecular Weight	50,336 Da

NCBI Official Full Name	5-hydroxytryptamine receptor 3B
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 3B
NCBI Official Symbol	Htr3b
NCBI Protein Information	5-hydroxytryptamine receptor 3B
UniProt Protein Name	5-hydroxytryptamine receptor 3B
UniProt Gene Name	Htr3b
UniProt Synonym Gene Names	5-HT3-B; 5-HT3B

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/htr3b-rat-elisa-kits/5-hydroxytryptamine-receptor-3b/55382>