

Rat 5-hydroxytryptamine receptor 3A ELISA Kit | HTR3A elisa kit

Rat 5-hydroxytryptamine receptor 3A (HTR3A) ELISA Kit

CATALOG # AAA55661	REACTIVITY Rat
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PRODUCT SYNONYMS

5-hydroxytryptamine receptor 3A; Rat 5-hydroxytryptamine receptor 3A (HTR3A) ELISA Kit; HTR3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat HTR3A. No significant cross-reactivity or interference between Rat HTR3A and analogues was observed.
Samples	serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/mL - 50 ng/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 HTR3A elisa kit	Intended Uses: For the quantitative detection of Rat 5-hydroxytryptamine receptor 3A (HTR3A) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HTR3A in Rat serum, plasma. An antibody specific for HTR3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HTR3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HTR3A 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 HTR3A 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 #	139947611
NCBI GeneID	79246
NCBI Accession #	NP_077370.2
NCBI GenBank Nucleotide #	NM_024394.2
UniProt Accession #	P35563
Molecular Weight	55,428 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 3A

NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 3A
NCBI Official Symbol	Htr3a
NCBI Official Synonym Symbols	5HT3; Htr3; 5-HT3; 5-HT3A
NCBI Protein Information	5-hydroxytryptamine receptor 3A
UniProt Protein Name	5-hydroxytryptamine receptor 3A
UniProt Gene Name	Htr3a
UniProt Synonym Gene Names	5ht3; Htr3; 5-HT3-A; 5-HT3A; 5-HT-3; 5-HT3R

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://www.aaabiotech.com/htr3a-rat-elisa-kits/5-hydroxytryptamine-receptor-3a/55661>