

Mouse 5-hydroxytryptamine receptor 1A (HTR1A) ELISA Kit | HTR1A elisa kit

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CATALOG # AAA56045	REACTIVITY Mouse
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PRODUCT SYNONYMS

5-hydroxytryptamine receptor 1A (HTR1A); Mouse 5-hydroxytryptamine receptor 1A (HTR1A) ELISA Kit; 5-HT1A; 5HT1a; ADRB2RL1; ADRBRL1; 5-HT1a receptor; G protein coupled receptor; guanine nucleotide-binding regulatory protein-coupled receptor; HTR1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse HTR1A. No significant cross-reactivity or interference between Mouse HTR1A and analogues was observed.
Sequence Length	421
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL (mean of 6 independent assays)
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 HTR1A elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HTR1A in Mouse serum, plasma. An antibody specific for HTR1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HTR1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HTR1A 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 HTR1A bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse 5-hydroxytryptamine receptor 1A (HTR1A) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542972
NCBI GeneID	15550
NCBI Accession #	NP_032334.2
NCBI GenBank Nucleotide #	NM_008308.4

UniProt Accession #	Q64264 ; Q60956 ; Q61617 ; Q8BGS4
Molecular Weight	46,176 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1A
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 1A
NCBI Official Symbol	Htr1a
NCBI Official Synonym Symbols	Gpcr18
NCBI Protein Information	5-hydroxytryptamine receptor 1A
UniProt Protein Name	5-hydroxytryptamine receptor 1A
UniProt Gene Name	Htr1a
UniProt Synonym Gene Names	Gpcr18; 5-HT-1A; 5-HT1A

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/mouse-elisa-kits/5-hydroxytryptamine-receptor-1a-htr1a/56045>