

Mouse 5-hydroxytryptamine receptor 1B ELISA Kit | Htr1b elisa kit

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CATALOG #
AAA57516

REACTIVITY
Mouse

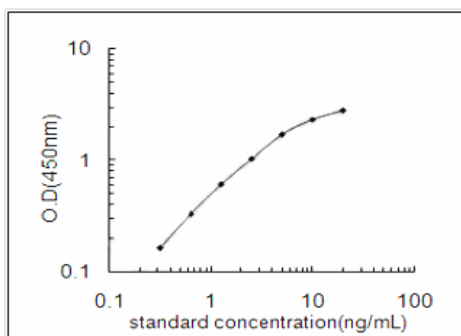
PRODUCT SYNONYMS

5-hydroxytryptamine receptor 1B; Mouse 5-hydroxytryptamine receptor 1B ELISA Kit; 5-HT-1B; 5-HT1B; Serotonin receptor 1B; Htr1b; 5ht1b; Htr1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse 5-HT1B. No significant cross-reactivity or interference was observed.
Sequence Length	386
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.163 ng/mL
Intra-Assay CV	<=8.5%
Inter-Assay CV	<=10.0%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Htr1b elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse 5-HT1B concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to 5-HT1B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for 5-HT1B and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain 5-HT1B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of 5-HT1B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754258
NCBI GeneID	15551
NCBI Accession #	NP_034612.1
NCBI GenBank Nucleotide #	NM_010482.1
UniProt Accession #	P28334
Molecular Weight	43,079 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1B
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 1B
NCBI Official Symbol	Htr1b
NCBI Protein Information	5-hydroxytryptamine receptor 1B
UniProt Protein Name	5-hydroxytryptamine receptor 1B
UniProt Gene Name	Htr1b
UniProt Synonym Gene Names	5ht1b; 5-HT-1B; 5-HT1B
UniProt Entry Name	5HT1B_MOUSE

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://stage.aaabiotech.com/htr1b-mouse-elisa-kits/5-hydroxytryptamine-receptor-1b/57516>