

Rat 5-hydroxytryptamine receptor 1D ELISA Kit | HTR1D elisa kit

Rat 5-hydroxytryptamine receptor 1D (HTR1D) ELISA Kit

CATALOG #
AAA55508

REACTIVITY
Rat

PRODUCT SYNONYMS

5-hydroxytryptamine receptor 1D; Rat 5-hydroxytryptamine receptor 1D (HTR1D) ELISA Kit; HTR1D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat HTR1D. No significant cross-reactivity or interference between Rat HTR1D and analogues was observed.
Sequence Length	377
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HTR1D elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HTR1D in samples. An antibody specific for HTR1D has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyHTR1D present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HTR1D 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 HTR1D bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	283837863
NCBI GeneID	100328964
NCBI Accession #	NP_001164624.1
NCBI GenBank Nucleotide #	NM_001171153.1
UniProt Accession #	P49145 ; O02823

Molecular Weight	41,500 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1D
NCBI Official Symbol	HTR1D
NCBI Official Synonym Symbols	5-HT1D
NCBI Protein Information	5-hydroxytryptamine receptor 1D
UniProt Protein Name	5-hydroxytryptamine receptor 1D
UniProt Gene Name	HTR1D
UniProt Synonym Gene Names	5-HT-1D; 5-HT1D

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/htr1d-rat-elisa-kits/5-hydroxytryptamine-receptor-1d/55508>