

Rat 5-hydroxy tryptamine (5-ht) ELISA Kit | 5-ht elisa kit

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CATALOG # AAA12908	REACTIVITY Rat
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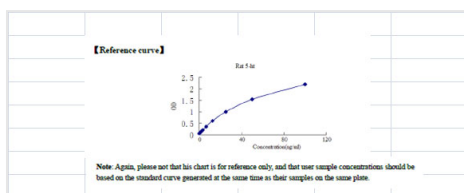
PRODUCT SYNONYMS

5-hydroxy tryptamine (5-ht); Rat 5-hydroxy tryptamine (5-ht) ELISA Kit; 5-ht elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	422
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5-ht elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat 5-ht monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53748104
NCBI GeneID	3350

UniProt Accession #	Q5ZGX3; P08908
Molecular Weight	46,107 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1A
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled
NCBI Official Symbol	HTR1A
NCBI Official Synonym Symbols	G-21; 5HT1a; PFMCD; 5-HT1A; 5-HT-1A; ADRBRL1; ADRB2RL1
NCBI Protein Information	5-hydroxytryptamine receptor 1A; 5-HT1a receptor; guanine nucleotide-binding regulatory protein-coupled receptor
UniProt Protein Name	5-hydroxytryptamine (Serotonin) receptor 1A
UniProt Gene Name	5HT1A
UniProt Synonym Gene Names	HTR1A; hCG_16836
UniProt Entry Name	Q5ZGX3_HUMAN

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/rat-elisa-kits/5-hydroxy-tryptamine-5-ht/12908>