

Human 5-hydroxytryptamine (serotonin) receptor 6 ELISA Kit | HTR6 elisa kit

Human 5-hydroxytryptamine receptor 6, HTR6 ELISA Kit

CATALOG #
AAA180431

REACTIVITY
Human

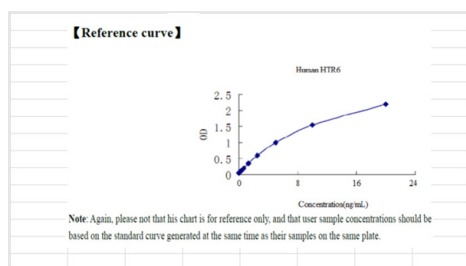
PRODUCT SYNONYMS

5-hydroxytryptamine (serotonin) receptor 6; Human 5-hydroxytryptamine receptor 6; HTR6 ELISA Kit; HTR6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 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 HTR6 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-Human HTR6 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504545
NCBI GeneID	3362
NCBI Accession #	NP_000862.1

NCBI GenBank Nucleotide #	NM_000871.2
UniProt Accession #	P50406 ; Q13640 ; Q5TGZ1
Molecular Weight	46,954 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 6
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 6, G protein-coupled
NCBI Official Symbol	HTR6
NCBI Official Synonym Symbols	5-HT6; 5-HT6R
NCBI Protein Information	5-hydroxytryptamine receptor 6; serotonin receptor 6
UniProt Protein Name	5-hydroxytryptamine receptor 6
UniProt Gene Name	HTR6
UniProt Synonym Gene Names	5-HT-6; 5-HT6
UniProt Entry Name	5HT6R_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/human-elisa-kits/5-hydroxytryptamine-serotonin-receptor-6/180431>