

Human Melanin-concentrating hormone receptor 1 ELISA Kit | MCHR1 elisa kit

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CATALOG #
AAA100401

REACTIVITY
Human

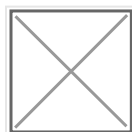
PRODUCT SYNONYMS

Melanin-concentrating hormone receptor 1; Human Melanin-concentrating hormone receptor 1 ELISA Kit; MCHR1/GPR24/MCH1R/SLC1/MCHR/MCH-1R/MCH1R/MCHR-1/MCH-R1/G protein-coupled receptor 24/SLC-1/G-protein coupled receptor 24/MCH receptor 1/melanin-concentrating hormone receptor 1/Somatostatin receptor-like protein; MCHR1 elisa kit

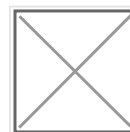
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	422
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCHR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MCHR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MCHR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MCHR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MCHR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758590
NCBI GeneID	2847
NCBI Accession #	NP_005288.3
NCBI GenBank Nucleotide #	NM_005297.3

Molecular Weight	45,963 Da
NCBI Official Full Name	melanin-concentrating hormone receptor 1
NCBI Official Synonym Full Names	melanin concentrating hormone receptor 1
NCBI Official Symbol	MCHR1
NCBI Official Synonym Symbols	SLC1; GPR24; MCH1R; SLC-1; MCH-1R
NCBI Protein Information	melanin-concentrating hormone receptor 1
UniProt Protein Name	Melanin-concentrating hormone receptor 1
UniProt Gene Name	MCHR1
UniProt Synonym Gene Names	GPR24; SLC1; MCH receptor 1; MCH-R1; MCHR-1; MCH1R; MCHR
UniProt Entry Name	MCHR1_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/mchr1-human-elisa-kits/melanin-concentrating-hormone-receptor-1/100401>