

Human melanin-concentrating hormone (PMCH) ELISA Kit | PMCH elisa kit

Human melanin-concentrating hormone, PMCH ELISA Kit

CATALOG #
AAA112257

REACTIVITY
Human

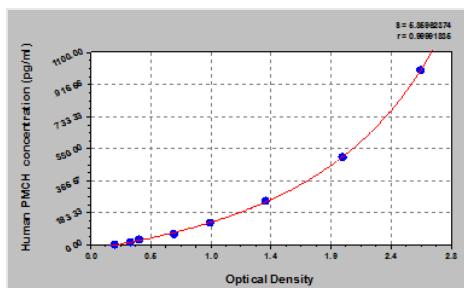
PRODUCT SYNONYMS

melanin-concentrating hormone (PMCH); Human melanin-concentrating hormone; PMCH ELISA Kit; Human melanin-concentrating hormone (PMCH) ELISA kit; MCH; ; PMCH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PMCH. No significant cross-reactivity or interference between human PMCH and analogues was observed.
Sequence Length	165
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PMCH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PMCH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PMCH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PMCH is added to the wells. After washing, avidin 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 PMCH bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54114980
NCBI GeneID	449022
NCBI Accession #	NP_001005755.1
NCBI GenBank Nucleotide #	NM_001005755.1
UniProt Accession #	Q5XXR2
Molecular Weight	18,644 Da
NCBI Official Full Name	pro-MCH
NCBI Official Symbol	PMCH
NCBI Official Synonym Symbols	MCH
NCBI Protein Information	pro-MCH
UniProt Protein Name	Pro-MCH
UniProt Gene Name	PMCH
UniProt Synonym Gene Names	MCH; NGE; Neuropeptide G-E; NEI; Neuropeptide E-I; MCH
UniProt Entry Name	MCH_CANFA

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/melanin-concentrating-hormone-pmch/112257>