

Human Melanin Concentrating Hormone (MCH) ELISA Kit | MCH elisa kit

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CATALOG #
AAA331845

REACTIVITY
Human

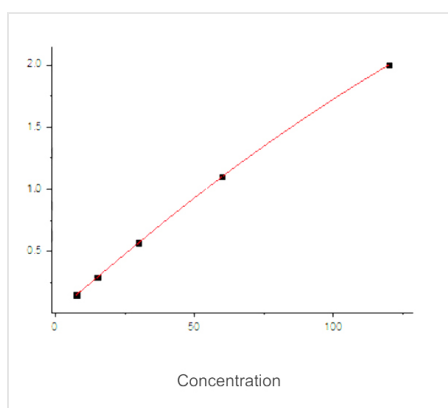
PRODUCT SYNONYMS

Melanin Concentrating Hormone (MCH); Human Melanin Concentrating Hormone (MCH) ELISA Kit; MCH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Melanin concentrating hormone (MCH) ELISA Kit has high sensitivity and excellent specificity for detection of Human MCH. No significant cross-reactivity or interference between Human MCH and analogues was observed.
Sequence Length	165
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	7.5 pg/ml - 120 pg/ml
Sensitivity	< 0.5pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCH elisa kit	Background: MCH (the melanin-concentrating hormone) is a ring-shaped neuropeptide of 19 amino acids originally isolated from the pituitary gland of salmon, and later isolated from the hypothalamus of rats. It regulates the skin tone of teleosts and causes melanin granules to aggregate in black cells. In mammals, MCH is primarily localized to the lateral hypothalamus and zona incerta, and has extensive neural projections within the brain, including the neurohypophysis. Principle of the Assay: Human Melanin Concentrating Hormone (MCH) ELISA Kit employs a two-site sandwich ELISA to quantitate MCH in samples. An antibody specific for MCH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCH present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MCH detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MCH 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 #	187446
NCBI GeneID	5367
NCBI Official Full Name	melanin concentrating hormone
NCBI Official Synonym Full Names	pro-melanin concentrating hormone
NCBI Official Symbol	PMCH
NCBI Official Synonym Symbols	MCH; ppMCH
NCBI Protein Information	pro-MCH

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/human-elisa-kits/melanin-concentrating-hormone-mch/331845>