

Mouse pro-melanin-concentrating hormone ELISA Kit | PMCH elisa kit

Mouse pro-melanin-concentrating hormone, PMCH ELISA Kit

CATALOG #
AAA112568

REACTIVITY
Mouse

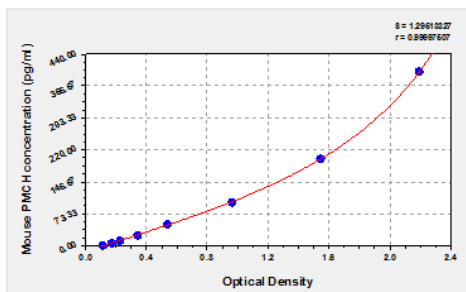
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PMCH. No significant cross-reactivity or interference between mouse PMCH and analogues was observed.
Sequence Length	165
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	6.25 pg/ml -400 pg/ml.
Sensitivity	1.56 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 #	71361678
NCBI GeneID	110312
NCBI Accession #	NP_084247.1
NCBI GenBank Nucleotide #	NM_029971.2
UniProt Accession #	P56942; Q9D220
Molecular Weight	18,516 Da
NCBI Official Full Name	pro-MCH preproprotein
NCBI Official Synonym Full Names	pro-melanin-concentrating hormone
NCBI Official Symbol	Pmch
NCBI Official Synonym Symbols	A230109K23Rik
NCBI Protein Information	pro-MCH; neuropeptide-glycine-glutamic acid (NGE); neuropeptide-glutamic acid-isoleucine (NEI)
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_MOUSE

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/pmch-mouse-elisa-kits/pro-melanin-concentrating-hormone/112568>