

Human Pro-MCH ELISA Kit | PMCH elisa kit

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CATALOG #
AAA98190

REACTIVITY
Human

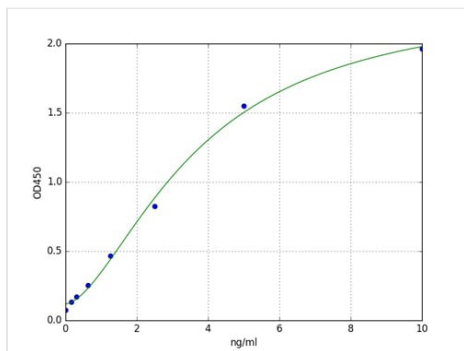
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	165
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a PMCH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.116	0.184	0.257	0.304	0.559	0.943	1.751	2.284

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PMCH elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PMCH antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-PMCH 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 PMCH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PMCH can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

71361684

NCBI GeneID	5367
NCBI Accession #	NP_002665.2
NCBI GenBank Nucleotide #	NM_002674.3
Molecular Weight	18,679 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	MCH; ppMCH
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_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/pmch-human-elisa-kits/pro-mch/98190>