

Mouse Melanocyte Stimulating Hormone (MSH) ELISA Kit | MSH elisa kit

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CATALOG # AAA12661	REACTIVITY Mouse
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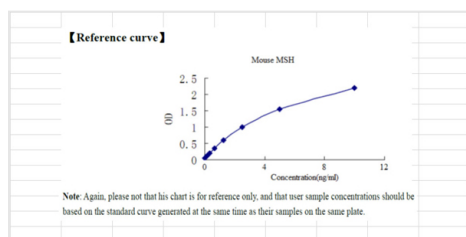
PRODUCT SYNONYMS

Melanocyte Stimulating Hormone (MSH); Mouse Melanocyte Stimulating Hormone (MSH) ELISA Kit; MSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	317
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSH elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse MSH monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51593766
NCBI GeneID	4157

Molecular Weight	34,706 Da
NCBI Official Full Name	Melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
NCBI Official Synonym Full Names	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
NCBI Official Symbol	MC1R
NCBI Official Synonym Symbols	CMM5; MSH-R; SHEP2
NCBI Protein Information	melanocyte-stimulating hormone receptor; MC1-R; melanotropin receptor
UniProt Protein Name	Melanocyte-stimulating hormone receptor
UniProt Gene Name	MC1R
UniProt Synonym Gene Names	MSHR; MSH-R; MC1-R
UniProt Entry Name	MSHR_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/mouse-elisa-kits/melanocyte-stimulating-hormone-msh/12661>