

Mouse Alpha-Melanocyte Stimulating Hormone ELISA Kit | alphaMSH elisa kit

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CATALOG #
AAA99779

REACTIVITY
Mouse

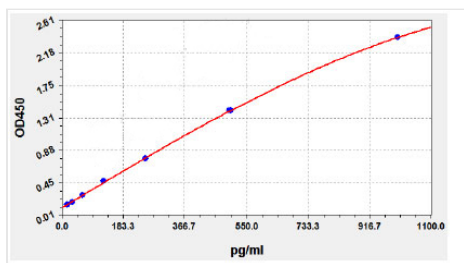
PRODUCT SYNONYMS

Alpha-Melanocyte Stimulating Hormone; Mouse Alpha-Melanocyte Stimulating Hormone ELISA Kit; alphaMSH ; alphaMSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of alphaMSH. No significant cross-reactivity or interference between alphaMSH and analogues was observed.
Sequence Length	209
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	4.688-300pg/ml
Sensitivity	2.813pg/ml
Intra-assay Precision	Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for alphaMSH elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158323608
NCBI GeneID	102182514
Molecular Weight	23,164 Da
NCBI Official Full Name	alpha-melanocyte-stimulating hormone, partial
NCBI Official Symbol	POMC
NCBI Official Synonym Symbols	alpha-MSH
NCBI Protein Information	proopiomelanocortin; alpha-melanocyte-stimulating hormone
UniProt Protein Name	Alpha-melanocyte-stimulating hormone
UniProt Entry Name	B4XH73_CAPHI

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/alphamsh-mouse-elisa-kits/alpha-melanocyte-stimulating-hormone/99779>