

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

Mouse alpha-Melanocyte Stimulating Hormone, alpha-MSH ELISA Kit

CATALOG #
AAA80849

REACTIVITY
Mouse

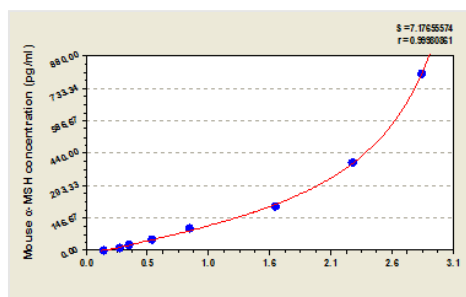
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse alpha-MSH. No significant cross-reactivity or interference between mouse alpha-MSH and analogues was observed.
Sequence Length	49
Samples	Serum, plasma, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	< 3.12 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 alpha-MSH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for alpha-MSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any alpha-MSH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for alpha-MSH 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 alpha-MSH 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 #	269979223
UniProt Accession #	D2JZU1
Molecular Weight	5,602 Da
NCBI Official Full Name	alpha-melanocyte-stimulating hormone, partial
UniProt Protein Name	Alpha-melanocyte-stimulating hormone
UniProt Gene Name	POMC
UniProt Entry Name	D2JZU1_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/mouse-elisa-kits/alpha-melanocyte-stimulating-hormone-alpha-msh/80849>