

Human Alpha-Melanocyte Stimulating Hormone (A-MSH) ELISA Kit | A-MSH elisa kit

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CATALOG #
AAA331981

REACTIVITY
Human

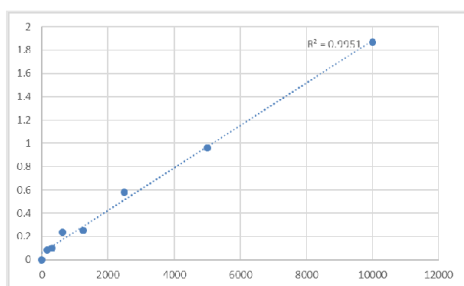
PRODUCT SYNONYMS

Alpha-Melanocyte Stimulating Hormone (A-MSH); Human Alpha-Melanocyte Stimulating Hormone (A-MSH) ELISA Kit; A-MSH; alpha-MSH; Intermedins; Alpha-Melanotropin; Alpha-Melanocortin; Alpha-Intermedin; A-MSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Alpha-melanocyte stimulating hormone (A-MSH) ELISA Kit has high sensitivity and excellent specificity for detection of Human A-MSH. No significant cross-reactivity or interference between Human A-MSH and analogues was observed.
Sequence Length	49
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Alpha-melanocyte stimulating hormone (A-MSH) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for A-MSH elisa kit	Description: This Human Alpha-melanocyte stimulating hormone (A-MSH) ELISA Kit employs a two-site sandwich ELISA to quantitate A-MSH in samples. An antibody specific for A-MSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any A-MSH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for A-MSH is added to the wells. After washing, Streptavidin 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 A-MSH bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Melanocyte-stimulating hormone belongs to a group called the melanocortins. This group includes ACTH, alpha-MSH, beta-MSH and gamma-MSH; these peptides are all cleavage products of a large precursor peptide called pro-opiomelanocortin (POMC). Alpha-MSH is the most important melanocortin for pigmentation. Alpha-MSH could be a potent biological marker for the identification of CFS. Despite extensive research, no reliable biological marker for chronic fatigue syndrome (CFS) has yet been identified. However, hyperactivation of melanotrophs in the pituitary gland and increased levels of plasma alpha-melanocyte-stimulating hormone (alpha-MSH) have recently been detected in an animal model of chronic stress. Because CFS is considered to be caused partly by chronic stress events, increased alpha-MSH plasma levels may also occur in CFS patients.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269979223
NCBI GeneID	102182514
NCBI Official Full Name	alpha-melanocyte-stimulating hormone, partial
NCBI Official Symbol	POMC
NCBI Official Synonym Symbols	alpha-MSH
NCBI Protein Information	pro-opiomelanocortin

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/alpha-melanocyte-stimulating-hormone-a-msh/331981>