

Human alpha-MSH ELISA Kit | AMSH elisa kit

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CATALOG #
AAA193868

REACTIVITY
Human

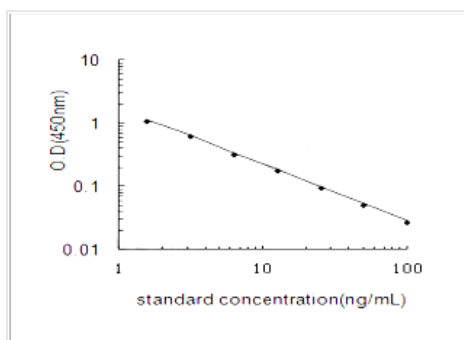
PRODUCT SYNONYMS

alpha-MSH; Human alpha-MSH ELISA Kit; AMSH; alpha-melanotropin; AMSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human alpha-MSH. No significant cross-reactivity or interference was observed.
Sequence Length	49
Assay Type	Competitive
Detection Range	1.56-100 ng/mL
Sensitivity	0.6 ng/mL
Intra-Assay CV	<=4.2%
Inter-Assay CV	<=7.6%
Recovery	93%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMSH elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human alpha-msh,alpha-MSH concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to alpha-MSH, During the reaction, alpha-MSH in the sample or standard competes with a fixed amount of biotin-labeled alpha-MSH for sites on a pre-coated Monoclonal antibody specific to alpha-MSH. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of alpha-MSH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269979223
NCBI GeneID	102182514
Molecular Weight	5,602 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 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.