

Human Alpha Melanocyte Stimulating Hormone ELISA Kit | AlphaMSH elisa kit

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CATALOG #
AAA16221

REACTIVITY
Human

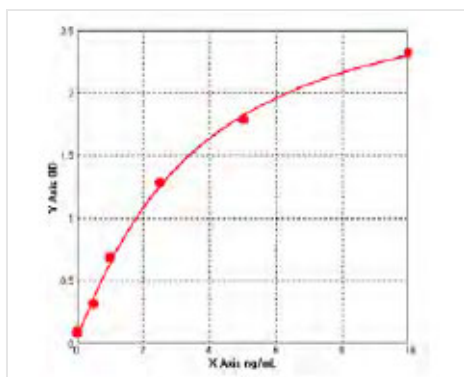
PRODUCT SYNONYMS

Alpha Melanocyte Stimulating Hormone; Human Alpha Melanocyte Stimulating Hormone ELISA Kit; AlphaMSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AlphaMSH elisa kit

Intended Uses: This alphaMSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alphaMSH. This ELISA kit for research use only!

Principle of the Assay: alphaMSH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alphaMSH. Standards or samples are then added to the microtiter plate wells and alphaMSH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha MSH present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for alphaMSH are added to each well to "sandwich" the alphaMSH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alphaMSH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alphaMSH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269979223
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/alphamsh-human-elisa-kits/alpha-melanocyte-stimulating-hormone/16221>