

Rabbit alpha Melanocyte Stimulating Hormone ELISA Kit | alpha-MSH elisa kit

Rabbit alpha Melanocyte Stimulating Hormone ELISA Kit

CATALOG #
AAA86076

REACTIVITY
Rabbit

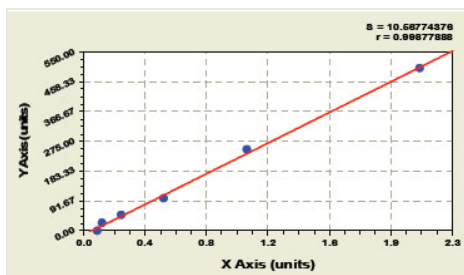
PRODUCT SYNONYMS

alpha Melanocyte Stimulating Hormone; Rabbit alpha Melanocyte Stimulating Hormone ELISA Kit; Rabbit a Melanocyte Stimulating Hormone ELISA Kit; alpha-MSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL/
Sensitivity	0.1ng/mL
Intended Uses	This alpha-MSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit alpha-MSH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha-MSH elisa kit

Principle of the Assay: alpha-MSH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-alpha-MSH antibody and an alpha-MSH-HRP conjugate. The assay sample and buffer are incubated together with alpha-MSH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the alpha-MSH concentration since alpha-MSH from samples and alpha-MSH-HRP conjugate compete for the anti-alpha-MSH antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha-MSH from the sample, fewer sites are left to bind alpha-MSH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha-MSH concentration in each sample is interpolated from this standard curve.

Product Categories/Family for alpha-MSH elisa kit

[Signal Transduction](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/alpha-msh-rabbit-elisa-kits/alpha-melanocyte-stimulating-hormone/86076>