

Mouse Alpha Melanocyte Stimulating Hormone antibody ELISA Kit

Mouse anti-Alpha Melanocyte Stimulating Hormone antibody ELISA Kit

CATALOG # AAA247812	REACTIVITY Mouse	APPLICATIONS ELISA
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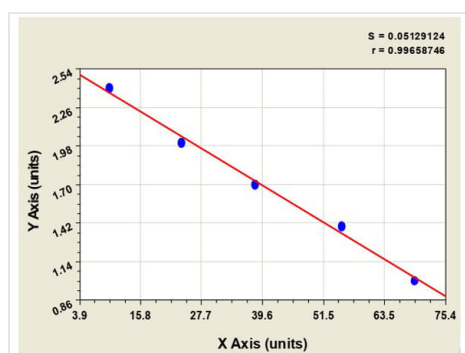
PRODUCT SYNONYMS

Alpha Melanocyte Stimulating Hormone antibody; Mouse anti-Alpha Melanocyte Stimulating Hormone antibody ELISA Kit; Alpha Melanocyte Stimulating Hormone antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of alphaMSH-Ab. No significant cross-reactivity or interference between alphaMSH-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between alphaMSH-Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Applicable Applications for Alpha Melanocyte Stimulating Hormone antibody elisa kit	ELISA
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alpha Melanocyte Stimulating Hormone antibody elisa kit	Principle of the Assay: alphaMSH-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing alphaMSH-Ab antigen and an alphaMSH-Ab-HRP conjugate. The assay sample and buffer are incubated together with alphaMSH-Ab-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 alphaMSH-Ab concentration since alphaMSH-Ab from samples and alphaMSH-Ab-HRP conjugate compete for the alphaMSH antigen binding site. Since the number of sites is limited, as more sites are occupied by alphaMSH-Ab from the sample, fewer sites are left to bind alphaMSH-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alphaMSH-Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This alphaMSH-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse alphaMSH-Ab. This ELISA kit for research use only, not for therapeutic or test applications!
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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-antibody/247812>