

Rat Melanocyte stimulating hormone ELISA Kit | MSH elisa kit

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CATALOG #
AAA82026

REACTIVITY
Rat

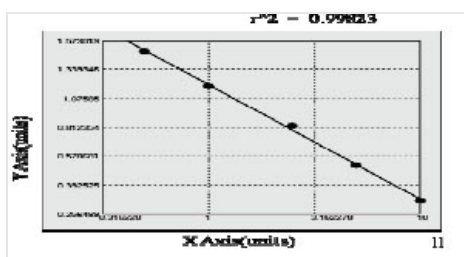
PRODUCT SYNONYMS

Melanocyte stimulating hormone; Rat Melanocyte stimulating hormone ELISA Kit; MSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This MSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat 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 MSH elisa kit

Principle of the assay: MSH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MSH antibody and an MSH-HRP conjugate. The assay sample and buffer are incubated together with 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 MSH concentration since MSH from samples and MSH-HRP conjugate compete for the anti-MSH antibody binding site. Since the number of sites is limited, as more sites are occupied by MSH from the sample, fewer sites are left to bind MSH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MSH concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MSH elisa kit

[Signal Transduction](#)

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.

