

# ELISA Kit for Alpha-Melanocyte Stimulating Hormone (aMSH)

Catalog No: tcue662



## Available Sizes

Size: 96T



## Specifications

### Research Area:

Tumor immunity;Endocrinology;Hormone metabolism;

### Species Reactivity:

Homo sapiens (Human)

### Sample Type:

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

### Sensitivity:

The minimum detectable dose of this kit is typically less than 48.4pg/mL

### Detection Range:

123.5-10,000pg/mL

### Assay Time:

2h

### Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

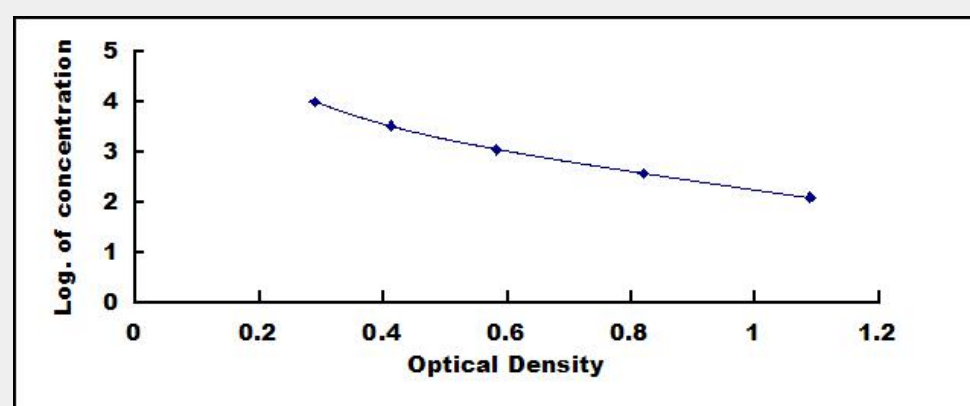
### Tested Application:

ELISA

## Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Alpha-Melanocyte Stimulating Hormone (aMSH) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin

labeled Alpha-Melanocyte Stimulating Hormone (aMSH) and unlabeled Alpha-Melanocyte Stimulating Hormone (aMSH) (Standards or samples) with the pre-coated antibody specific to Alpha-Melanocyte Stimulating Hormone (aMSH). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Alpha-Melanocyte Stimulating Hormone (aMSH) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Alpha-Melanocyte Stimulating Hormone (aMSH) in the sample.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!