

# Mouse S100A9 (S100 Calcium Binding Protein A9) ELISA Kit

Catalog No: tcee3469



## Available Sizes

**Size:** 96T



## Specifications

**Research Area:**

Signal transduction, Immunology, Cancer

**Species Reactivity:**

Mouse

**Sample Type:**

Serum, plasma and other biological fluids

**Assay Type:**

Sandwich

**Sensitivity:**

0.38 ng/mL

**Detection Range:**

0.63—40 ng/mL

**Assay Time:**

4.5h

**Detection Method:**

Colormetric

**Tested Application:**

ELISA

**Storage Instruction:**

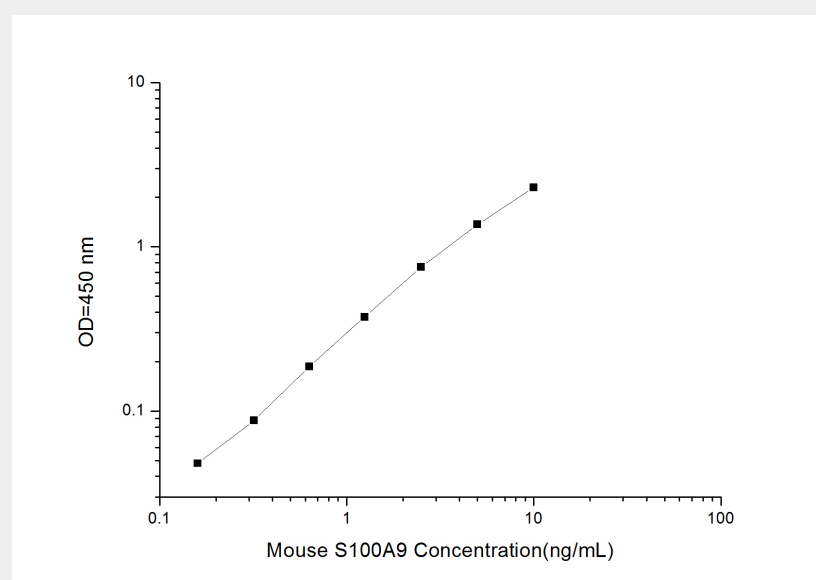
An unopened kit can be stored at 4°C for 1 month. If the kit is not used within 1 month, store the items separately

according to the detailed information on the manual once the kit is received.

## Product Description

This ELISA kit applies to the in vitro quantitative determination of Mouse S100A9 concentrations in serum, plasma and other biological fluids.

This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse S100A9. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse S100A9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse S100A9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of  $450\text{ nm} \pm 2\text{ nm}$ . The OD value is proportional to the concentration of Mouse S100A9. You can calculate the concentration of Mouse S100A9 in the samples by comparing the OD of the samples to the standard curve.



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