

# ELISA Kit for Complement 1 Inhibitor (C1INH) Catalog No: tcue1282

**Available Sizes** 

**Size:** 96T

Specifications

**Research Area:** Infection immunity;Immune molecule;

**Species Reactivity:** Mus musculus (Mouse)

Sample Type: Serum, plasma and other biological fluids

### Sensitivity:

The minimum detectable dose of this kit is typically less than 5.9ng/mL

**Detection Range:** 

15.62-1000ng/mL

### Assay Time:

3h

## **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

## **Tested Application:**

ELISA

#### SwissProt:

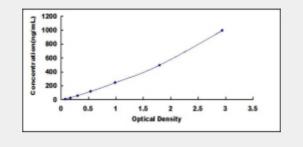
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## **Test Principle**

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated



with an antibody specific to Complement 1 Inhibitor (C1INH). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Complement 1 Inhibitor (C1INH). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Complement 1 Inhibitor (C1INH), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Complement 1 Inhibitor (C1INH) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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