

# ELISA Kit for Immunoglobulin G (IgG)

Catalog No: **tcue1639**



## Available Sizes

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**Size:** 96T



## Specifications

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**Research Area:**

Infection immunity;Immune molecule;Hematology;

**Species Reactivity:**

Mus musculus (Mouse)

**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 0.57ug/mL

**Detection Range:**

1.23-100ug/mL

**Assay Time:**

2h

**Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

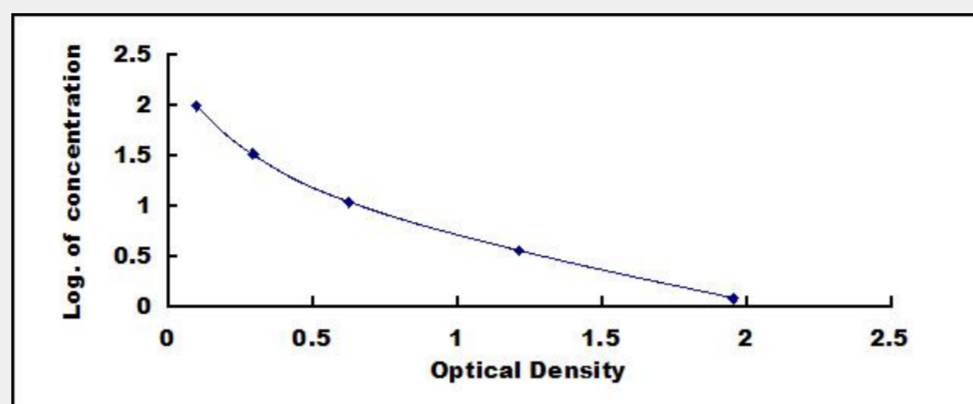
**Tested Application:**

ELISA

## Test Principle

The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Immunoglobulin G (IgG) 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 ± 10nm. The concentration of Immunoglobulin G (IgG) in the samples is then determined by comparing the O.D. of the samples to the

standard curve.



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