



# **ELISA Kit for Leucine Rich Alpha-2-Glycoprotein 1** (LRG1)

Catalog No: tcue1787



## **Available Sizes**

Size: 96T



# **Specifications**

#### **Research Area:**

Signal transduction; Tumor immunity; Infection immunity;

### **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 1.37ng/mL

# **Detection Range:**

3.12-200ng/mL

### **Assay Time:**

3h

#### **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

## **Tested Application:**

ELISA

#### **SwissProt:**

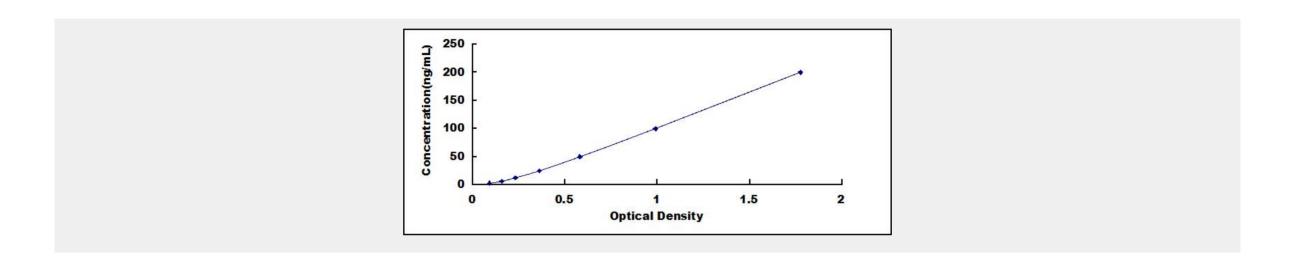
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# **Test Principle**

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 Leucine Rich Alpha-2-Glycoprotein 1 (LRG1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Leucine Rich Alpha-2-Glycoprotein 1 (LRG1). 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 Leucine Rich Alpha-2-Glycoprotein 1 (LRG1), 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 Leucine Rich Alpha-2-Glycoprotein 1 (LRG1) 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!