

# **ELISA Kit for Intelectin 1 (ITLN1)**

## **Catalog No: tcue765**

**Available Sizes** 

#### **Size:** 96T



Specifications

#### **Research Area:**

Endocrinology;Cardiovascular biology;Hormone metabolism;

**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 0.9pg/mL

#### **Detection Range:**

2.5-160pg/mL

#### **Assay Time:**

3h

#### **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

#### **Tested Application:**

ELISA

#### SwissProt:

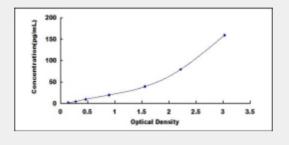
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### **Test Principle**

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 Intelectin 1 (ITLN1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Intelectin 1 (ITLN1). 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 Intelectin 1 (ITLN1), 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 Intelectin 1 (ITLN1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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