

ELISA Kit for Interleukin 35 (IL35)

Catalog No: **tcue1866**



Available Sizes

Size: 96T



Specifications

Research Area:

Cytokine;Tumor immunity;Infection immunity;

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 3.3pg/mL

Detection Range:

7.8-500pg/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

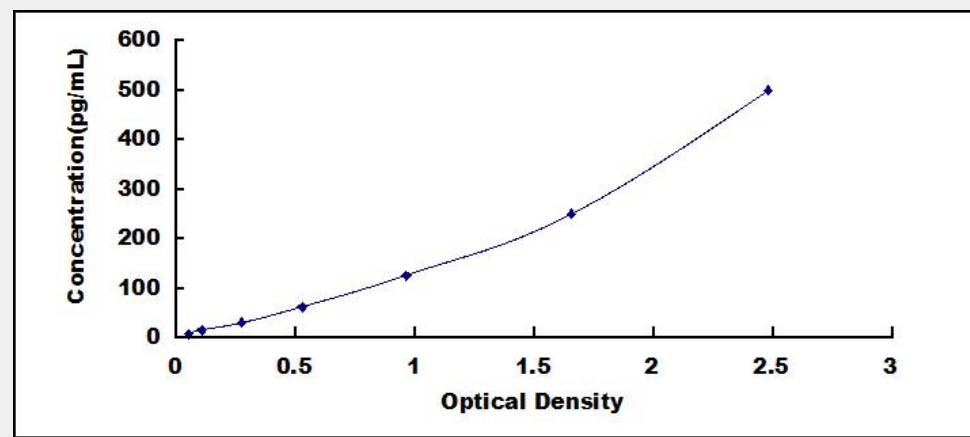
SwissProt:

P43431

Test Principle

The microplate provided in this kit has been pre-coated with a monoclonal antibody specific to IL12A. Standards or samples are then

added to the appropriate microplate wells with a biotin-conjugated monoclonal antibody specific to IL27B. 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 IL35, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of IL35 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!