

ELISA Kit for Interleukin 4 Receptor (IL4R) Catalog No: tcue508

Available Sizes

Size: 96T



Specifications

Research Area:

Signal transduction; Infection immunity; Rheumatology; Autoimmunity;

Species Reactivity: Homo sapiens (Human)

Sample Type:

Serum, plasma, tissue homogenates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 6.2pg/mL

Detection Range:

15.6-1,000pg/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

SwissProt:

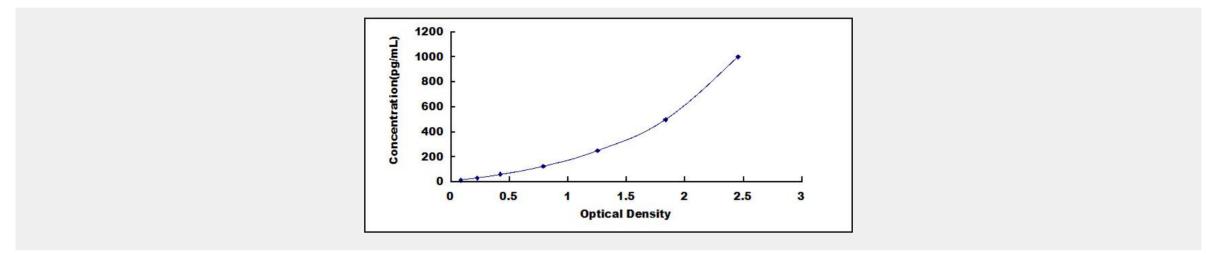
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Test Principle

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 Interleukin 4 Receptor (IL4R). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interleukin 4 Receptor (IL4R). 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 Interleukin 4 Receptor (IL4R), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzymesubstrate 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 Interleukin 4 Receptor (IL4R) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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