

ELISA Kit for Cysteinyl Leukotriene Receptor 2 (CYSLTR2)

Catalog No: tcue496

Available Sizes

Size: 96T



Research Area: Signal transduction;Infection immunity;Rheumatology;

Species Reactivity:

Rattus norvegicus (Rat)

Sample Type:

Tissue homogenates and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.108ng/mL

Detection Range:

0.312-20ng/mL

Assay Time: 3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

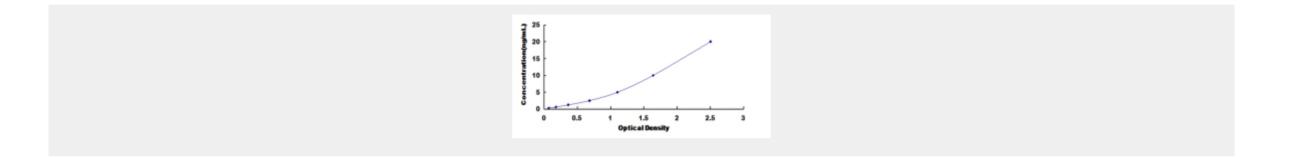
SwissProt: Q924T9

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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 Cysteinyl Leukotriene Receptor 2 (CYSLTR2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cysteinyl Leukotriene Receptor 2 (CYSLTR2). 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 Cysteinyl Leukotriene Receptor 2 (CYSLTR2), 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 ± 10 nm. The concentration of Cysteinyl Leukotriene Receptor 2 (CYSLTR2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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