

ELISA Kit for Galectin 9 (GAL9)

Catalog No: tcue2000

Available Sizes

Size: 96T

Specifications

Research Area:

Infection immunity;

Species Reactivity: Rattus norvegicus (Rat)

Sample Type:

Serum, plasma and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 2.8pg/mL

Detection Range:

7.81-500pg/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

SwissProt:

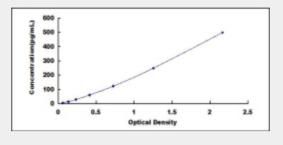
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Test Principle

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 Galectin 9 (GAL9). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Galectin 9 (GAL9). 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 Galectin 9 (GAL9), 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 Galectin 9 (GAL9) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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