

ELISA Kit for V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS)

Catalog No: tcue1051



Available Sizes

Size: 96T



Specifications

Research Area:

Tumor immunity;

Species Reactivity:

Mus musculus (Mouse)

Sample Type:

Tissue homogenates and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.063ng/mL

Detection Range:

0.156-10ng/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

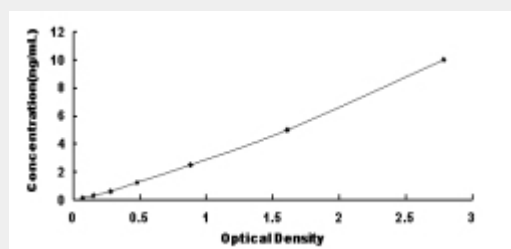
ELISA

SwissProt:

P01101

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 V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS). 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 V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS), 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 V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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