

ELISA Kit for Inhibitory Subunit Of NF Kappa B Alpha (IkBa)

Catalog No: tcue1069



Available Sizes

Size: 96T



Specifications

Research Area:

Signal transduction;Tumor immunity;Hematology;Developmental science;

Species Reactivity:

Homo sapiens (Human)

Sample Type:

tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.065ng/mL

Detection Range:

0.156-10ng/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

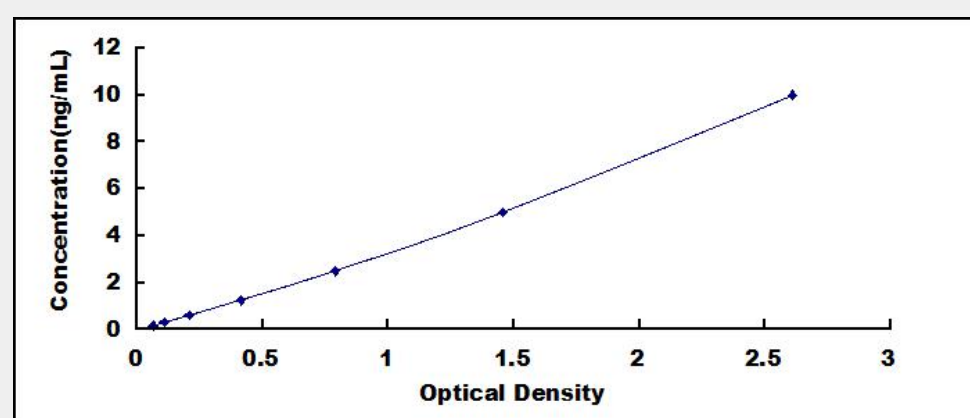
ELISA

SwissProt:

P25963

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 Inhibitory Subunit Of NF Kappa B Alpha (I κ B α). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Inhibitory Subunit Of NF Kappa B Alpha (I κ B α). 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 Inhibitory Subunit Of NF Kappa B Alpha (I κ B α), 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 Inhibitory Subunit Of NF Kappa B Alpha (I κ B α) 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!