

ELISA Kit for Galactosidase Alpha (GLa)

Catalog No: tcue2153

Available Sizes

Size: 96T

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Specifications

Research Area:

Enzyme & Kinase; Metabolic pathway;

Species Reactivity:

Homo sapiens (Human)

Sample Type:

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

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.55ng/mL

Detection Range:

1.56-100ng/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

SwissProt:

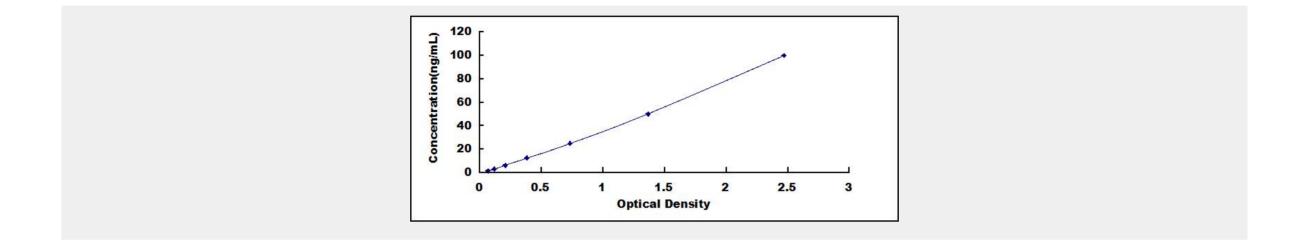
P06280

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



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