Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

ELISA Kit for Cytochrome P450 1B1 (CYP1B1)

Catalog No: tcue3454

Available Sizes

Size: 96T

Specifications

Research Area:
Metabolic pathway;

Species Reactivity:
Homo sapiens (Human)

Sample Type:
tissue homogenates, cell lysates and other biological fluids

Sensitivity:
The minimum detectable dose of this kit is typically less than 0.54ng/mL

Detection Range:
1.56-100ng/mL

Assay Time:
3h

Detection Method:
Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:
ELISA

SwissProt:
Q16678

Test Principle

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated

Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

with an antibody specific to Cytochrome P450 1B1 (CYP1B1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cytochrome P450 1B1 (CYP1B1). 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 Cytochrome P450 1B1 (CYP1B1), 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 ± 10nm. The concentration of Cytochrome P450 1B1 (CYP1B1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.