

Datasheet for ABIN2543628 **CYP11B1 ELISA Kit**



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Overview

Quantity: 96 tests

Target: CYP11B1

Reactivity: Rat

Method Type: Sandwich ELISA

Detection Range: 0.781 ng/mL - 50 ng/mL

Minimum Detection Limit: 0.781 ng/mL

Application: ELISA

Product Details

Purpose: Rat Cytochrome P450 11B1 ELISA Kit is a sandwich ELISA kit for use with Tissue homogenates, cell lysates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of Cytochrome P450 11B1 (CYP11B1). No significant cross-reactivity or interference between Cytochrome P450 11B1 (CYP11B1) and analogues was observed.

Sample Type: Cell Lysate, Tissue Homogenate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This assay has high sensitivity and excellent specificity for detection of Cytochrome P450 11B1 (CYP11B1).

Sensitivity: < 0.27 ng/mL

Target Details

Target:	CYP11B1
Alternative Name:	Cytochrome P450 11B1 (CYP11B1) (CYP11B1 Products)
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , Regulation of Systemic Arterial Blood Pressure by Hormones , C21-Steroid Hormone Metabolic Process , Carbohydrate Homeostasis

Application Details

Application Notes:	<p>Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5 % within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p> <p>Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.</p> <p>Standard Form: Lyophilized</p>
Comment:	<p>The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p>
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Upon receipt, store the kit according to the storage instruction in the kit's manual.
Expiry Date:	6 months