

## Datasheet for ABIN2541847 **ATP1B1 ELISA Kit**



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### Overview

Quantity: 96 tests

Target: ATP1B1

Reactivity: Rat

Method Type: Sandwich ELISA

Detection Range: 0.156 ng/mL - 10 ng/mL

Minimum Detection Limit: 0.156 ng/mL

Application: ELISA

### Product Details

**Purpose:** Rat ATP1b1 ELISA Kit is a sandwich ELISA kit for use with Tissue homogenates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of ATPase, Na<sup>+</sup>/K<sup>+</sup> Transporting Beta 1 Polypeptide (ATP1b1)  
No significant cross-reactivity or interference between ATPase, Na<sup>+</sup>/K<sup>+</sup> Transporting Beta 1 Polypeptide (ATP1b1) and analogues was observed.

**Sample Type:** Tissue Homogenate

**Analytical Method:** Quantitative

**Detection Method:** Colorimetric

**Specificity:** This assay has high sensitivity and excellent specificity for detection of ATPase, Na<sup>+</sup>/K<sup>+</sup> Transporting Beta 1 Polypeptide (ATP1b1)

**Sensitivity:** < 0.057 ng/mL

## Target Details

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Target:	ATP1B1
Alternative Name:	ATPase, Na <sup>+</sup> /K <sup>+</sup> Transporting beta 1 Polypeptide (ATP1b1) ( <a href="#">ATP1B1 Products</a> )
Pathways:	<a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Ribonucleoside Biosynthetic Process</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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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. - 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

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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