

Datasheet for ABIN2542337 **CACNA1C ELISA Kit**



[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	CACNA1C
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	0.312 ng/mL - 20 ng/mL
Minimum Detection Limit:	0.312 ng/mL
Application:	ELISA

Product Details

Purpose:	Mouse CACNa1C 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 Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C) No significant cross-reactivity or interference between Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C) 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 Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)
Sensitivity:	< 0.115 ng/mL

Target Details

Target:	CACNA1C
Alternative Name:	Calcium Channel, Voltage Dependent, L-Type, alpha 1C Subunit (CACNa1C) (CACNA1C Products)
Pathways:	Hormone Transport, 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. 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

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