

Datasheet for ABIN2533164 **PERK ELISA Kit**



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Overview

Quantity: 96 tests

Target: PERK (EIF2AK3)

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 EIF2AK3 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 Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2AK3)
No significant cross-reactivity or interference between Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2AK3) 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 Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2aK3)

Sensitivity: < 0.108 ng/mL

Target Details

Target:	PERK (EIF2AK3)
Alternative Name:	Eukaryotic Translation Initiation Factor 2 alpha Kinase 3 (EIF2aK3) (EIF2AK3 Products)
Pathways:	Hormone Transport , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Unfolded Protein Response

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