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Datasheet for ABIN5674923
PPP2R4 ELISA Kit

Overview

Quantity:	96 tests
Target:	PPP2R4
Binding Specificity:	Regulatory Subunit 4
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Sample Type:	Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0062 ng/mL
Components:	Pre-coated, ready to use 96-well strip plate Standard (freeze dried) Standard Diluent Detection Reagent A Detection Reagent B Assay Diluent A Assay Diluent B

Product Details

TMB Substhumane
Stop Solution
Wash Buffer(30 x concenthumane)
Plate sealer for 96 wells
Instruction manual

Material not included:

1. Microplate reader with $450 \pm 10\text{nm}$ filter.
2. Precision single or multi-channel pipettes and disposable tips.
3. Eppendorf Tubes for diluting samples.
4. Deionized or distilled water.
5. Absorbent paper for blotting the microtiter plate.
6. Container for Wash Solution.

Target Details

Target: PPP2R4

Alternative Name: Protein Phosphatase 2A Activator, (PPP2R4) ([PPP2R4 Products](#))

Background: Alternative name: PP2A, PR53, PTPA, Phosphotyrosyl Phosphatase Activator, PP2A Phosphatase Activator, PP2A, subunit B', PR53 isoform, Serine/threonine-protein phosphatase 2A activator

Gene ID: 110854

UniProt: [P58389](#)

Pathways: [PI3K-Akt Signaling](#), [M Phase](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Assay Time: 1 - 4.5 h

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards
2. Add 100 μL standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100 μL prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100 μL prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times

Application Details

7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C
 8. Add 50µL Stop Solution. Read at 450nm immediately.
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Restrictions: For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months