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Datasheet for ABIN5674922  
**PPP2R4 ELISA Kit**

### Overview

|                          |                        |
|--------------------------|------------------------|
| Quantity:                | 96 tests               |
| Target:                  | PPP2R4                 |
| Binding Specificity:     | Regulatory Subunit 4   |
| Reactivity:              | Human                  |
| 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:       | 0070 ng/mL  |
| Components:        | Pre-coated, ready to use 96-well strip plate<br>Standard (freeze dried)<br>Standard Diluent<br>Detection Reagent A<br>Detection Reagent B<br>Assay Diluent A<br>Assay Diluent B |

## Product Details

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

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Material not included:

1. Microplate reader with  $450 \pm 10$ 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

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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: 5524

UniProt: [Q15257](#)

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

## Application Details

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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 $\mu$ L standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100 $\mu$ L prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100 $\mu$ L prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times

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## Application Details

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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

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## Handling

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Storage: 4 °C

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Expiry Date: 12 months

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