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# Datasheet for ABIN6951508

# **CDC42 ELISA Kit**



### Overview

Quantity:	96 tests
Target:	CDC42
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details	
Purpose:	Human CDC42 ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> <li>Establishes normal range</li> <li>The best products for confirmation of antibody array data</li> </ul>
Components:	<ul> <li>Pre-Coated 96-well Strip Microplate</li> <li>Wash Buffer</li> <li>Stop Solution</li> <li>Assay Diluent(s)</li> <li>Lyophilized Standard</li> <li>Biotinylated Detection Antibody</li> <li>Streptavidin-Conjugated HRP</li> <li>TMB One-Step Substrate</li> </ul>

## **Product Details**

### Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 μl to 1 μl volumes
- Adjustable 1-25 µl pipettes for reagent preparation
- 100 µl and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

# **Target Details**

Target:	CDC42	
Alternative Name:	CDC42 (CDC42 Products)	
Gene ID:	998	
UniProt:	P60953	
Pathways:	MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location, Skeletal Muscle Fiber Development, Signaling Events mediated by VEGFR1 and VEGFR2, EGFR Downregulation, VEGF Signaling	

# **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.	
Plate:	Pre-coated	
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.	
	2. Add 100 µl of standard or sample to each well.	
	3. Incubate 2.5 h at RT or O/N at 4°C.	
	4. Add 100 μl of prepared biotin antibody to each well.	
	5. Incubate 1 h at RT.	
	6. Add 100 µl of prepared Streptavidin solution to each well.	
	7. Incubate 45 min at RT.	
	8. Add 100 µl of TMB One-Step Substrate Reagent to each well.	
	9. Incubate 30 min at RT.	
	10. Add 50 μl of Stop Solution to each well.	
	11. Read at 450 nm immediately.	
Restrictions:	For Research Use only	

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Expiry Date:

6 months