Cdc42 G-LISA Activation Assay Kit (Colorimetric) II

Cat. No. Kit-0191 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The G-LISA series of Small G-Protein Activation Assays are ELISA based assays with which you can measure the GTP form of small G-proteins from lysates of cells or tissues and all in less than 3 h. The Cdc42 G-LISA Activation Assay measures the entire level of GTP-loaded Cdc42 protein in cell lysates. The level of activation is measured by reading at OD490nm. For a more detailed introduction on G-LISA assays and a listing of other available G-LISA kits, see our main G-LISA page. For a kit to measure RhoA activation please check webpage BK124, for Rac1 go to BK128 for Rac1,2,3 go to BK125, for RalA go to BK129.The Cdc42 G-LISA Activation Assay is very sensitive and has excellent accuracy for duplicate samples.
Size	96 assays
Applications	1. Cdc42 signaling pathway studies.2. Cdc42 activation assays with primary cells.3. Studies of Cdc42 activators and inactivators.4. Cdc42 activation assays with limited material.5. High throughput screens for Cdc42 activation.
Kit Components	Reagent-Quantity -Storage96 well Cdc42-GTP binding plate: 12 strips of 8 wells, Desiccated 4°C; Anti-Cdc42 antibody (mouse monoclonal): 1 tube, lyophilized, Desiccated 4°C; Secondary antibody-horseradish peroxidase conjugate (HRP): 2 tubes, lyophilized, Desiccated 4°C; Cdc42 control protein (constitutively active Cdc42): 2 tubes, lyophilized, Desiccated 4°C; CDCA Resuspension Buffer: 1 tube, liquid, 4°C; Cell Lysis Buffer: 1 bottle, lyophilized, Desiccated 4°C; Wash Buffer: 1 bottle, lyophilized, Desiccated 4°C; Antigen Presenting Buffer: 1 bottle, 25 ml, Room temperature; Antibody Dilution Buffer: 1 bottle, lyophilized, Desiccated 4°C; HRP

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	Detection Reagent A: 1 tablet, silver pack, Desiccated 4°C; HRP Detection Reagent B: 1 tablet, gold pack, Desiccated 4°C; HRP Reagent Stop Solution: 2 bottles, 8 ml each, 4°C; Precision Red Advanced Protein Assay Reagent: (available as 500 ml size), 1 bottle, 100 ml, Room temperature; Protease Inhibitor Cocktail: 1 tube, lyophilized, Desiccated 4°C

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