CREATIVE BIOMART®
Assay Kit

Rac1 Activation Colorimetric Assay Kit (96 assays)

Product Information

Cat.No. Kit-0759

Product Overview

This Rac1 G-LISA Activation Assay Kit is a colorimetric based assay and shares the many advantages that all G-LISA activation assay have. This assay is specific for Rac1.The kit contains a Rac-GTP-binding protein linked to the wells of a 96 well plate. Active GTP-bound Rac1 is captured by this protein while inactive GDP-bound Rac1 is removed following washes. The active Rac1 bound to the wells is detected with a Rac1 specific antibody. The degree of Rac1 activation is determined by comparing readings from activated cell lysates versus non-activated cell lysates.

Size

96 assays

Kit Components

Reagent-Quantity -Storage96 well Rac1-GTP binding plate: 12 strips of 8 wells, Desiccated 4°C;Anti-Rac1 antibody (mouse monoclonal, Rac1 specific): 4 tubes, lyophilized, Desiccated 4°C; Secondary antibody-horseradish peroxidase conjugate (HRP): 1 tube, lyophilized, Desiccated 4°C; Rac control protein (constitutively active Rac1): 12 tubes, lyophilized, Desiccated 4°C; Cell Lysis Buffer: 1 bottle, lyophilized, Desiccated 4°C; Wash Buffer: 1 bottle, lyophilized, Desiccated 4°C; Antigen Presenting Buffer: 1 bottle, 30 ml, Room temperature; Antibody Dilution Buffer: 1 bottle, lyophilized, Desiccated 4°C; HRP Detection Reagent A: 1 tablet, silver pack, Desiccated 4°C; HRP Detection Reagent B: 1 tablet, gold pack, Desiccated 4°C; HRP Stop Solution: 1 bottle, 8 ml, 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

Features & Benefits

The proprietary Rac1 G-LISA Activation Assay that is faster, easier and more precise than traditional pull-down methods to measure Rac1 Activation.Specific for Rac1; Colorimetric Based; Fast Results; Extremely Sensitive.

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