

## Rac1 Activation Colorimetric Assay Kit (96 assays)

**Cat. No.** Kit-0759    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	<p>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.</p>
<b>Size</b>	96 assays
<b>Kit Components</b>	<p>Reagent-Quantity -Storage            96 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</p>
<b>Features &amp; Benefits</b>	The proprietary Rac1 G-LISA Activation Assay that is faster, easier and more precise

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than traditional pull-down methods to measure Rac1 Activation. Specific for Rac1;  
Colorimetric Based; Fast Results; Extremely Sensitive.

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