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Datasheet for ABIN2866247

## RAS CLIA Kit

### Overview

Quantity: 96 tests

Target: RAS

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

### Product Details

Purpose: Ras GTPase Chemi ELISA Kit is the first ELISA-based kit designed to detect and quantify activated Ras GTPase.

Analytical Method: Quantitative

Detection Method: Chemiluminescent

Specificity: Ras GTPase Chemi ELISAs are tested for sensitivity in detecting activated Ras.

Components: 96-well glutathione-coated assay plate with plate sealer, GST-Raf-RBD, primary antibody, HRP-conjugated secondary antibody, positive control cell extract, Protease Inhibitor Cocktail, Lysis and Reaction buffers.

### Target Details

Target: RAS

Abstract: [RAS Products](#)

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	25 µg of whole-cell extracts from unstimulated 293T/17 cells and HeLa cells stimulated with 5 ng/ml EGF for 2 minutes per well were assayed using the Ras GTPase Chemi ELISA Kit (Figure 1). For lot 05715007, the signals were read on a luminometer within 15 minutes of adding the chemiluminescent reaction buffer. For the luminometer, the gain was set at 150 and the integration time was set to maximum. The level of Ras activation, and the ratio between the stimulated and unstimulated samples may vary depending on the cell type tested and the treatment used.
Assay Time:	3 h
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Store the extract and the GST-Raf-RBD protein at -80°C, the antibodies and protease inhibitors should be stored at -20°C. All other kit components must be stored at 4°C prior to use. This product is guaranteed for 6 months from date of receipt.
Expiry Date:	6 months