

# **Cignal Reporter Assay Kit**

## **FOXO Reporter Assay Kit (GFP)**

**Cat. no. 336841 CCS-6022G**

### **For study of pathway activity**

The Cignal FOXO Reporter Assay Kit is designed to monitor the activity of the PI3K/Akt pathway via the transcriptional activity of the FOXO transcription factors in cultured cells. The kit contains transfection-ready FOXO reporter as well as positive and negative controls. The FOXO reporter encodes the Monster GFP gene under the control of a minimal (m)CMV promoter and tandem repeats of the FOXO transcriptional response element (TRE). We have experimentally optimized the number of response elements as well as the intervening sequence between response elements to maximize the signal to noise ratio.

For further details, consult the *Cignal Reporter Assay Handbook*.

### **Shipping and storage**

The Cignal Reporter Assay Kit is shipped on dry ice or blue ice. Store at -20°C. When stored under these conditions, this product can be used for 6 months from the date of receipt without reduction in performance.

**Note:** Open the package and store the products appropriately immediately on receipt.

### **Performance data**

Visit the Website to view performance data for this product.



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**Sample & Assay Technologies**

## Contents

Product	Contents	Cat. no.
Signal Reporter Assay Kit	For 500 reporter assays, 500 negative control assays, and 250 positive control assays when using the recommended 96-well plate transfection protocol; 500 µl (100 ng/µl) Reporter (40:1 mixture of inducible firefly luciferase construct and constitutively expressing Renilla luciferase construct); 500 µl (100 ng/µl) Negative control (40:1 mixture of non-inducible firefly luciferase construct and constitutively expressing Renilla luciferase construct); 250 µl (100 ng/µl) Positive control (40:1:1 mixture of constitutively expressing GFP, constitutively expressing firefly luciferase, and constitutively expressing Renilla luciferase constructs)	Varies

Signal Reporter Assay Kit products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

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