

## PPAR $\gamma$ -Competitor Assay Kit, Green

### Product Information

---

**Cat**

Kit-0942

---

**Common Name**

PPAR $\gamma$

---

**Cat.No.**

Kit-0942

---

**Description**

The PPAR $\gamma$  (Peroxisome Proliferator-Activated Receptor-gamma) Competitor Assay, Green uses the human-derived recombinant PPAR $\gamma$  ligand-binding domain (PPAR $\gamma$ -LBD) tagged with an N-terminal GST-tag and a novel, tight-binding, selective fluorescent PPAR $\gamma$  ligand (PPAR $\gamma$  Green) in a homogenous, mix-and-read assay format. PPAR $\gamma$ -LBD/PPAR $\gamma$  Green complex produces high polarization. This complex is then added to individual test compounds in microwell plates. Competitors displace the fluorescent PPAR $\gamma$  Green Ligand from the PPAR $\gamma$ -LBD/PPAR $\gamma$  Green complex, causing the fluorescent ligand to tumble rapidly during its fluorescence lifetime, resulting in a low polarization value. Noncompetitors will not displace the fluorescent ligand from the complex, so the polarization value remains high. The shift in polarization value in the presence of the test compounds is used to determine relative affinity of test compounds for the PPAR $\gamma$ -LBD.

---

**Applications**

Competitive Binding Assay

---

**Storage**

PPAR $\gamma$  Green (-20°C)

PPAR $\gamma$ -LBD (-80°C)

PPAR $\gamma$  Green Screening Buffer (room temperature)

1M DTT (-80°C or -20°C)

---

**Shipping**

---



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## PPAR $\gamma$ -Competitor Assay Kit, Green

Dry Ice

---

**Size**

---

800 x 20  $\mu$ L

---

**Materials Required but Not Supplied**

---

Microplate Reader

---

**Detection method** Fluorescent

---

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)

Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA