



PPAR γ -Competitor Assay Kit, Green

Product Information

Cat

Kit-0942

Common Name

PPAR γ

Cat.No.

Kit-0942

Description

The PPAR γ (Peroxisome Proliferator-Activated Receptor-gamma) Competitor Assay, Green uses the human-derived recombinant PPAR γ ligand-binding domain (PPAR γ -LBD) tagged with an N-terminal GST-tag and a novel, tight-binding, selective fluorescent PPAR γ ligand (PPAR γ Green) in a homogenous, mix-and-read assay format. PPAR γ -LBD/PPAR γ Green complex produces high polarization. This complex is then added to individual test compounds in microwell plates. Competitors displace the fluorescent PPAR γ Green Ligand from the PPAR γ -LBD/PPAR γ 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 γ -LBD.

Applications

Competitive Binding Assay

Storage

PPAR γ Green (-20°C)

PPAR γ -LBD (-80°C)

PPAR γ Green Screening Buffer (room temperature)

1M DTT (-80°C or -20°C)

Shipping



CREATIVE **BIOMART**[®]
Assay Kit

PPAR γ -Competitor Assay Kit, Green

Dry Ice

Size

800 x 20 μ L

Materials Required but Not Supplied

Microplate Reader

Detection method Fluorescent

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