RORγ (h) Reporter Assay System

Human RORγ compound screening assay

This nuclear receptor assay system utilizes proprietary non-human mammalian cells engineered to provide high-level expression of a hybrid form of the Human RAR-related Orphan Receptor Gamma. The N-terminal DNA binding domains (DBD) of the native RORγ and RORγt receptors have been substituted with that of the yeast GAL4-DBD. Hence, the GAL4-RORγ hybrid receptor expressed in these reporter cells will not discern any functional differences that may exist between the native isoform 1 and isoform 2 receptors. The principle application of this reporter assay system is in the screening of test samples to quantify inverse-agonist or antagonist activities that they may exert against human RORγ.

Ordering Information

Order Online »

NGO-IB04001-0096	96 wells
NGO-IB04001-0032	3x32 assays
NGO-IB04002-0384	384 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name Human RAR-related Orphan Receptor Gamma Assay System, NR1F3, RORC, RORg

Application HTS

Application Notes The principle application of this reporter assay system is in the screening of test samples to quantify inverse-agonist or antagonist activities that they may exert against human RORγ.

Contents

- RORγ Reporter Cells
- Cell Recovery Medium (CRM)
- Compound Screening Medium (CSM)
- Ursolic Acid (reference inverse-agonist for RORg), 10 mM (in DMSO)
- Detection Substrate
- Detection Buffer
- 96-well assay plate (white, sterile, cell-culture ready) (96 assays)
- 96-well plate frame + Snap-in 8-well strips (3 x 32 assays)
- 384-well assay plate (384 assays)

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