RARβ (h) Reporter Assay System

Human RARβ compound screening assay

This nuclear receptor assay system utilizes proprietary non-human mammalian cells engineered to provide constitutive, high-level expression of Human Retinoic Acid Receptor, Beta (NR1B2), a ligand-dependent transcription factor commonly referred to as RARB or RARβ. Because these cells incorporate a responsive luciferase reporter gene, quantifying expressed luciferase activity provides a sensitive surrogate measure of RARβ activity in the treated cells. The principle application of this reporter assay system is in the screening of test samples to quantify any functional activity, either agonist or antagonist, that they may exert against human RARβ.

Ordering Information

Order Online »

NGO-IB02101-0096	96 wells
NGO-IB02101-0032	3x32 assays
NGO-IB02102-0384	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 Retinoic Acid Receptor, Beta (RARβ) Reporter Assay System, NR1B2, RARB, RARβ

Application HTS

Application Notes The principle application of this reporter assay system is in the screening of test samples to quantify any functional activity, either agonist or antagonist, that they may exert against human RARβ.

Contents

- RARβ Reporter Cells
- Cell Recovery Medium (CRM)
- Compound Screening Medium (CSM)
- trans-Retinoic Acid (reference agonist for RARβ), 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)

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.