

Reporter Assay System: Nuclear Receptor Assays

INDIGO Biosciences, Inc. è un produttore di State College, Pennsylvania. Offre il più ampio portafoglio al mondo di kit e servizi per **Recettori Nucleari**, altri target farmacologici e soluzioni tossicologiche in vitro. Sistemi pronti basati su **cellule ingegnerizzate che includono luciferasi**: Androgen Receptor, **AR**; Aryl Hydrocarbon Receptor, **AhR**; Constitutive Androstane Receptor; Estrogen Receptor, **ER α** , **ER β** ; Farnesoid X Receptor, **FXR**; Glucocorticoid Receptor, **GR**; Liver Receptor Homolog-1, **LRH-1**; Liver X Receptor, **LXR α** , **LXR β** ; Mineralocorticoid Receptor, **MR**; Nuclear Factor of Activated T cells, **NFAT**; Nuclear Factor (erythroid-derived 2)-like 2, **Nrf2**; Peroxisome Proliferator-Activated Receptor, **PPAR α** , **PPAR β/δ** , **PPAR γ** ; Pregnane X Receptor, **PXR**; Progesterone Receptor, **PGR**; Retinoic Acid Receptor, **RAR α** , **RAR β** , **RAR γ** ; RAR-related Orphan Receptor, **ROR α** , **ROR γ** ; Retinoid X Receptor, **RXR α** , **RXR β** , **RXR γ** ; **TEAD4/YAP** (Hippo Pathway); Thyroid Hormone Receptor, **TR α** , **TR β** ; Vitamin D Receptor, **VDR**.

Disponibili anche pannelli di recettori nucleari: ER, LXR, PPAR, RAR, RXR, TR

Androgen Receptor (AR; NR3C4)	Peroxisome Proliferator-Activated Receptor Alpha (PPAR α ; NR1C1)
Aryl Hydrocarbon Receptor (AhR)	Peroxisome Proliferator-Activated Receptor Beta/Delta (PPAR β/δ ; NR1C2)
Constitutive Androstane Receptor-1 (CAR-1; NR1I3i1)	Peroxisome Proliferator-Activated Receptor Gamma (PPAR γ ; NR1C3)
Constitutive Androstane Receptor-2 (CAR-2; NR1I3i2)	Pregnane X Receptor (PXR; NR1I2)
Constitutive Androstane Receptor-3 (CAR-3; NR1I3i3)	Progesterone Receptor (PGR; NR3C3)
Estrogen Receptor Alpha (ER α ; NR3A1)	Retinoic Acid Receptor Alpha (RAR α ; NR1B1)
Estrogen Receptor Beta (ER β ; NR3A2)	Retinoic Acid Receptor Beta (RAR β ; NR1B2)
Estrogen-related Receptor Alpha (ERR α ; NR3B1)	Retinoic Acid Receptor Gamma (RAR γ ; NR1B3)
Estrogen-related Receptor Gamma (ERR γ ; NR3B3)	RAR-related Orphan Receptor Alpha (ROR α ; NR1F1)
Farnesoid X Receptor (FXR; NR1H4)	RAR-related Orphan Receptor Gamma (ROR γ ; NR1F3)
Glucocorticoid Receptor (GR; NR3C1)	Retinoid X Receptor Alpha (RXR α ; NR2B1)
Growth Hormone Receptor (GHR)	Retinoid X Receptor Beta (RXR β ; NR2B2)
Liver Receptor Homolog-1 (LRH-1; NR5A2)	Retinoid X Receptor Gamma (RXR γ ; NR2B3)
Liver X Receptor Alpha (LXR α ; NR1H3)	TEAD4/YAP (Hippo Pathway)
Liver X Receptor Beta (LXR β ; NR1H2)	Thyroid Hormone Receptor Alpha (TR α ; NR1A1)
Mineralocorticoid Receptor (MR; NR3C2)	Thyroid Hormone Receptor Beta (TR β ; NR1A2)
Nuclear Factor of Activated T cells (NFAT)	Vitamin D Receptor (VDR; NR1I1)
Nuclear Factor kappa-light-chain enhancer of activated B cells (NF- κ B)	
Nuclear Factor (erythroid-derived 2)-like 2 (Nrf2)	

Molti di questi kit sono disponibili anche per geni ortologhi di [numeroso specie animali](#)

Reporter Assay System: Growth Factor Receptor Assays

Epidermal Growth Factor Receptor 1, **EGFR1**, Growth Hormone Receptor, **GHR**; Nuclear Factor kappa-light-chain enhancer of activated B cells, **NF- κ B**; Transforming Human Growth Factor Beta Receptor I/II, **TGF β R**; Vascular Endothelial Growth Factor Receptor 2, **VEGFR2**.

Epidermal Growth Factor Receptor 1 (EGFR1) Reporter Assay System
IB13001-32, IB13001, IB13002

Erythropoietin Receptor (EPOR) Reporter Assay System
IB17001-32, IB17001, IB17002

Growth Hormone Receptor (GHR) Reporter Assay System
IB14001-32, IB14001, IB14002

Transforming Human Growth Factor Beta Receptor I/II (TGF β R) Reporter Assay System
IB12001-32, IB12001, IB12002

Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) Reporter Assay System
IB15001-32, IB15001, IB15002

Toxicology Assays:

In vitro Screening for Drug-Induced Hepatotoxicity Kit (using upcyte® Hepatocytes)
ULC1003-48

Human MDR1 / P-Glycoprotein Drug Interaction Assay
HPGP-48

Expression Profiling of Clinically Relevant CYPs (using upcyte® Hepatocytes)
UGE1003-48