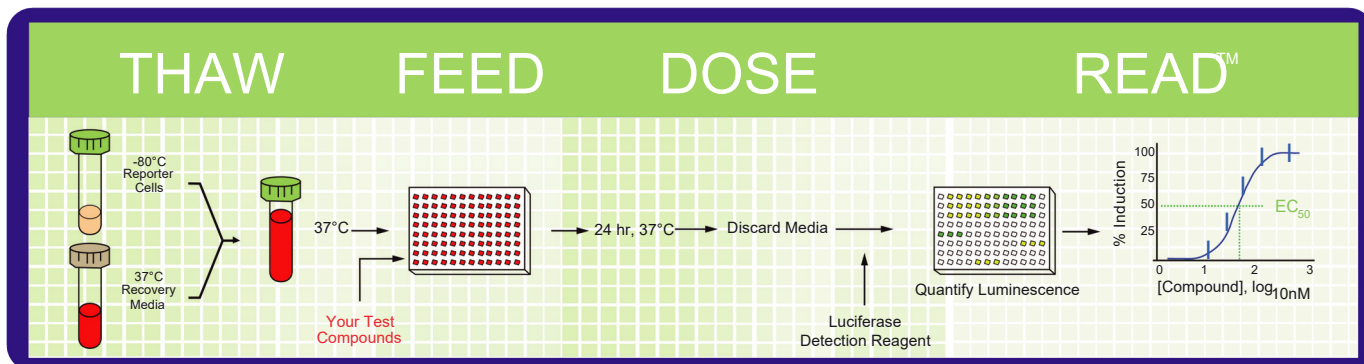


## Cell-Based Reporter Assays

INDIGO's cell-based reporter assays allow scientists to detect any biological activity that their test samples may exert against a specific receptor present in the cell. They utilize firefly luciferase reporter gene technology which provides superior sensitivity and reproducibility. Since the receptor binding controls the expression of the luciferase reporter gene, luciferase activity in the cells can be correlated directly with the activity of the receptor. The strength of an interaction of a chemical with the target receptor is quantified using a luminometer to measure the level of light emitted.

### Fast, Reproducible, Easy-to-Analyze Results are only Four Steps Away!



Many luciferase reporter assays require weeks or months of work as the user grows their own cells and optimizes the assay. INDIGO's reporter cells are frozen using our proprietary Cryomite™ process to eliminate the need for extensive cell culture. Reporter cells have been optimized to provide extreme sensitivity to quantify even small changes in receptor activity. With INDIGO's cell-based reporter assays, the process is as easy as Thaw, Feed, Dose, and Read.



Why Do Labs Choose & Trust INDIGO?



Clear, Reproducible Results



Largest Portfolio of Nuclear Receptor Assays



Results for Accelerated Decision-Making



Highly Qualified Technical Support Team



Easy-to-Use, All-Inclusive Kits

### Nuclear Receptors

## INDIGO's AssayPortfolio

AhR *	ER $\alpha$ *	ERR $\gamma$	LRH-1	PGR*	PXR *	ROR $\alpha$ *	RXR $\gamma$
AR *	ER $\beta$ *	FXR *	LXR $\alpha$ *	PPAR $\alpha$ *	RAR $\alpha$ *	ROR $\gamma$ *	TR $\alpha$
CAR-2	ERR $\alpha$	GR *	LXR $\beta$ *	PPAR $\delta$ *	RAR $\beta$	RXR $\alpha$	TR $\beta$ *
CAR-3	ERR $\beta$	HNF4 $\alpha$	MR*	PPAR $\gamma$ *	RAR $\gamma$	RXR $\beta$	VDR

### Cytokine & Growth Factor Receptors

\*Alternative Species Assays Available

c-MET/HGFR	FGFR1c/ $\alpha$ -klotho	FGFR4/ $\alpha$ -klotho	GM-CSFR	PDGFR $\alpha$ / $\beta$	TrkC
EGFR1	FGFR1c/ $\beta$ -klotho	FGFR4/ $\beta$ -klotho	INSRb	TGF $\beta$ R	TPOR
EPOR	FGFR3	G-CSFR	IGF-1R	TrkA	VEGFR2
FGFR1/2	FGFR4	GHR	M-CSFR	TrkB	

### GPCRs

ADRA1A	ADRB1	AVPR1B	GCGR	TGR5
ADRA1B	ADRB2	AVPR2	GIPR	MC2R
ADRA1D	ADRB3	CB1R	GLP-1R	
ADRA2A	AVPR1A	DRD1	OXTR	

Learn more about the products and services INDIGO offers on our website!



### in vitro Toxicology & Accessory Assay Products

- Live Cell Assay
- CYP Induction
- Hepatotoxicity Assay Kit
- Pgp/MDR1 Assay Kits
- INDIGlo™ Luciferase Detection Reagent

### Transcription Factors

AP-1	Nrf2
Elk-1	p53
NFAT	TEAD4/YAP
NF-kB	