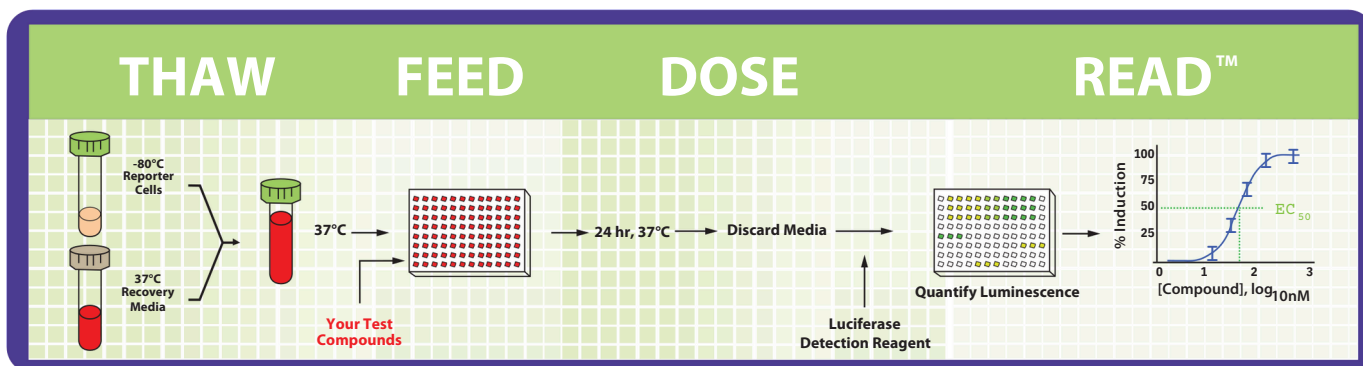


Cell-Based Reporter Assays

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?



Largest Portfolio of Nuclear Receptor Assays



Highly Qualified Technical Support Team



Clear, Reproducible Results



Results for Accelerated Decision-Making



Easy-to-Use, All-Inclusive Kits



INDIGO's Assay Portfolio

Nuclear Receptors

AhR *	ER α *	ERR γ	LRH-1	PGR	PXR *	ROR α *	RXR γ
AR *	ER β *	FXR *	LXR α *	PPAR α *	RAR α *	ROR γ *	TR α
CAR-2	ERR α	GR *	LXR β *	PPAR δ *	RAR β	RXR α	TR β *
CAR-3	ERR β	HNF4 α	MR	PPAR γ *	RAR γ	RXR β	VDR

Cytokine & Growth Factor Receptors

***Alternative Species Assays Available**

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

GPCRs

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

Transcription Factors

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

in vitro Toxicology & Accessory Assay Products

- Live Cell Multiplex (LCM) Assay
- upcyte™ CYP Gene Expression Profiling Assay Kit
- upcyte™ Hepatotox Assay Kit
- Human P-Glycoprotein Drug Interaction Assay
- INDIGlo™ Luciferase Detection Reagent

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



Stratech
 info@stratech.co.uk
 +44 (0) 1638 782600
 @stratech_uk
 @stratech-scientific-ltd
 @stratech.scientific

www.stratech.co.uk

