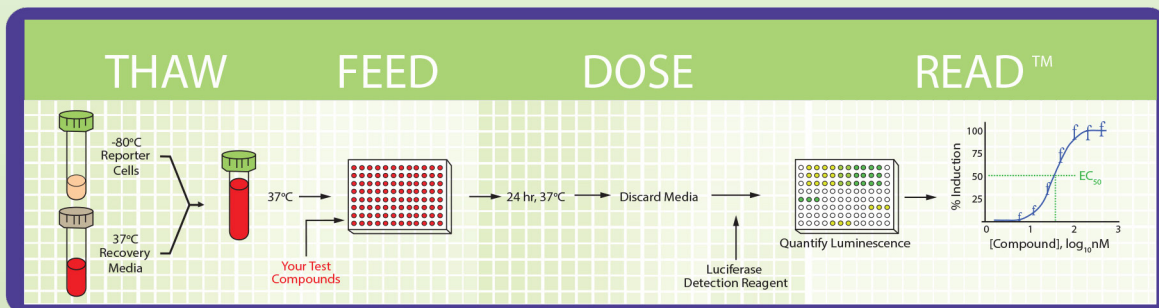


INDIGO's cell-based reporter assays allow scientists to detect any biological activity that their test samples may exert against a specific receptor present in the cell. They utilize firefly luciferase reporter gene technology which provides superior precision and sensitivity. Since the receptor binding 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 the user to grow their own cells and take time to optimize the results. INDIGO's reporter cells contain the receptor of interest and the luciferase reporter gene. 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.

Ready to Use When You're Ready to Test

Our luciferase reporter cells are prepared using INDIGO's proprietary CryoMite™ process. This proprietary cryopreservation process enables long-term preservation of our unique reporter cells, so we can ship our cryopreserved reporter cells and assay reagents for your immediate use. Or, you can store the assay kits at -80°C. Once thawed, reporter cells are ready for immediate use so there is no need to take time on intermediate spin-and-wash steps, viability determinations, or cell titer adjustments.

Available Receptors & Potential Indications

INDIGO Biosciences offers a comprehensive portfolio of cell-based luciferase reporter assays, ideally suited for examining receptor selectivity and potential off-target effects.

INDIGO's assays have been demonstrated to provide fast, accurate, reproducible results.

In addition to human receptor assays, INDIGO also offers more than 40 ortholog assays across multiple species for use in prospective and retrospective screening of animal models.

Why Labs Choose and Trust INDIGO



Largest Portfolio of Nuclear Receptor Assays



Easy-to-Use, All-Inclusive Kits



Highly Qualified Technical Support Team



Fast Lab Results for Accelerated Decision-Making



Clear, Reproducible Results

Orthologs Available*

Dog
Mouse
Monkey

Rabbit
Rat
Zebrafish

www.stratech.co.uk
+44 (0) 1638 782600
orders@stratech.co.uk

[@stratech_uk](https://twitter.com/stratech_uk)
[@stratechscientificltd](https://facebook.com/stratechscientificltd)
[@stratech-scientific-ltd](https://linkedin.com/company/stratech-scientific-ltd)

Receptor	Functional Classification				Potential Indications											
	CNS, Circadian & Basal Metabolism	Lipid Metabolism & Energy	Reproduction & Development	Xenobiotic & Bile Acid Metabolism	Autoimmune	Cancer	Cardiovascular	Dermatitis	Dyslipidemia	Kidney Disease & Function	NASH/NAFLD	Neurodegenerative	Obesity	Osteoporosis	Reproduction	Wound Healing
AhR *																
AP-1																
AR *																
CAR *																
CB1R																
EGFR																
EPOR																
ERα *																
ERβ *																
ERRα																
ERRβ																
ERRγ																
FGFR/βklotho																
FGFR1/2																
FXR *																
GHR																
GR *																
LRH-1																
LXRα *																
LXRβ *																
MR																
NFAT																
NF-kB																
Nrf2																
p53																
PDGFR α/β																
PGR *																
PPARα *																
PPARδ *																
PPARγ *																
PXR *																
RARα *																
RARβ																
RARγ																
RORα																
RORγ *																
RXRα																
RXRβ																
RXRγ																
TEAD4/YAP																
TGFβR																
TGR5																
TPOR																
TRα																
TRβ *																
TrkA																
TrkB																
TrkC																
VDR																
VEGFR																

Find all of
INDIGO's assays
on our site

