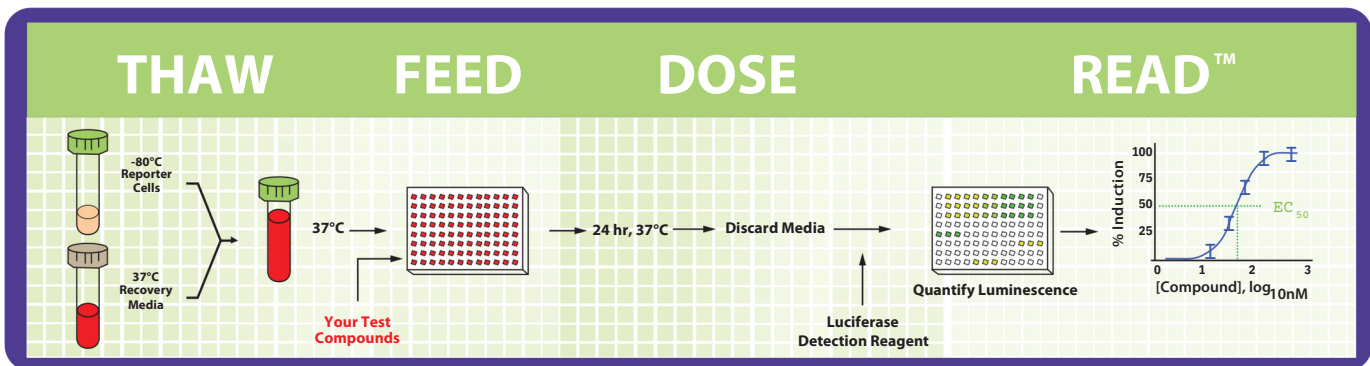


Cell-Based Reporter Assays

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 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 weeks of work as the user grows their own cells and takes the time to optimize the assay. INDIGO's cell-based reporter assays are frozen using Cryomite™ to eliminate the need of 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

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Available Receptors & Potential Indications

Receptor	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/Diabetes	Osteoporosis	Reproduction	Wound Healing
ADRA1A																
ADRA1B																
ADRA1D																
ADRB1																
AHR*																
AP-1																
AR*																
CAR*																
CB1R																
EGFR																
EPOR																
Era*																
ERβ*																
ERRα																
ERRβ																
ERRγ																
FGFR/ Bklotho																
FGFR1/2																
FXR*																
G-CSFR																
GHR																
GLP-1R																
GM-CSFR																
GR*																
IGF-1R																
INSRb																
LRH-1																
LXRα*																
LXRβ*																
M-CSFR																
MR*																
Receptor	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/Diabetes	Osteoporosis	Reproduction	Wound Healing
NFAT																
NF-κB																
Nrf2																
p53																
PDGFR α/β																
PGR*																
PPARα*																
PPARδ*																
PPARγ*																
PXR*																
RARα*																
RARβ																
RARγ																
RORα*																
RORγ*																
RXRα																
RXRβ																
RXRγ																
TEAD4/ YAP																
TGFβr																
TGR5																
TPOR																
Tra																
TRβ*																
TtKA																
TtKB																
TtKC																
VDR																
VEGFR																

*Alternative Species Assays Available



Functional Classifications



Potential Indications

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