

## Alternative Species Assays

With the FDA no longer requiring animal testing for drug development, an opportunity exists to find alternative methods for toxicity testing before progressing to human trials. INDIGO offers a variety of alternative species assay kits for in vitro testing of specific receptor pathways that allow for quick screening early in the drug optimization process.

Pre-clinical studies would utilize animals as human surrogates to assess a drug's profile when administered to a living organism. These studies are often challenged by the fact that the ligand preferences and response dynamics between the human receptor and the

corresponding ortholog receptors can vary dramatically. Even the receptors of closely related species, such as mouse and rat, sometimes exhibit dramatically different ligand preferences and responses. INDIGO Biosciences' assay solutions provide the critical data you need with efficient and easy-to-use processes.

### More Than 40 Ortholog Assays Available!

Receptor	Cyn Monkey	Dog	Mouse	Rabbit	Rat	Zebrafish	Pig
AR							
AhR							
CAR							
ER $\alpha$							
ER $\beta$							
FXR							
GLP-1R							
GR							
LXR $\alpha$							
LXR $\beta$							
MR							
PGR							
PPAR $\alpha$							
PPAR $\beta/\delta$							
PPAR $\gamma$							
PXR							
RAR $\alpha$							
ROR $\gamma$							
TR $\beta$							



Don't see the perfect animal model assay in the chart?

Contact INDIGO about developing a custom alternative species assay before you go to trial.