

INDIGO Biosciences has developed human and murine GLP-1R reporter assays and a human GIPR reporter assay that deliver rapid, reproducible data to streamline research in drug discovery and inform IND filing for therapies related to type II diabetes and obesity.

INDIGO's assays enable precise characterization of GLP-1R and GIPR agonists and inhibitors, exhibiting high reproducibility with minimal lot-to-lot variability.

The assay workflow enables rapid characterization of GLP-1R and GIPR activators and inhibitors, providing actionable data in as little as 24 hours to expedite drug development timelines.

The inclusion of mouse models allows for a smoother transition to in vivo studies, further advancing therapeutic development.

INDIGO offers these assays as a service and as "ready-to-use" kits. Containing all components needed to run the assay, including cryopreserved reporter cells, INDIGO assay kits eliminate weeks of cell culture work. The simplified workflow reduces the complexity of experimental setup and allows faster access to actionable data.

IB33001

Human GLP-1R
Reporter Assay Kit

M33001

Mouse GLP-1R
Reporter Assay Kit

IB38001

Human GIPR
Reporter Assay Kit

Human GLP-1R & GIPR Activation Plots

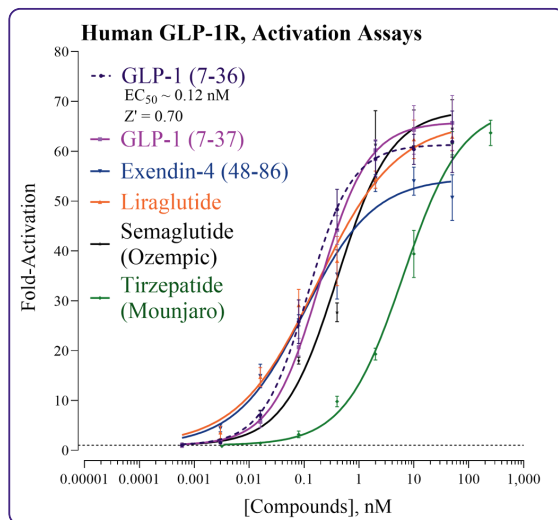


Figure 2. Activation of Human GLP-1R.

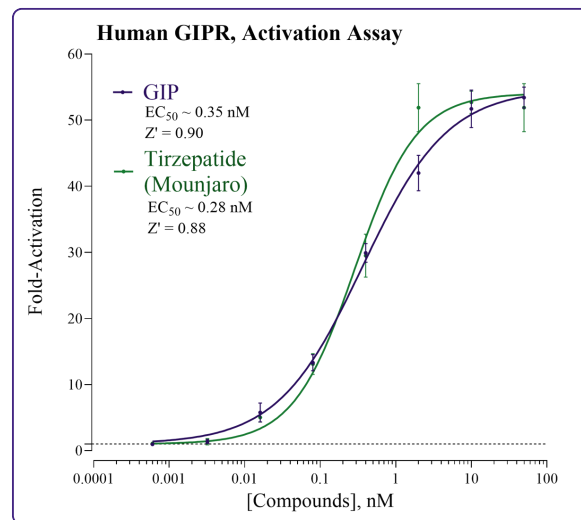


Figure 1. Activation of Human GIPR.

Activation data plots for human GLP-1R and GIPR reporter gene assays illustrating a dose-response curve. These plots provide a visual representation of receptor activation.

Want to learn more about our GLP-1R & GIPR assays? Scan here for more information!

