Zebrafish AhR Reporter Assay System

INDIGO's Zebrafish Aryl Hydrocarbon Receptor (zfAhR) Reporter Cells are constructed in zebrafish ZF4 cells, a cell line derived from Brachydanio rerio embryos. This zebrafish cell line has been modified to contain the luciferase reporter gene functionally linked to tandem DRE/XRE genetic response elements and a minimal promoter sequence. The principal application of this assay is in the screening of test samples to quantify any functional activity, either agonist or antagonist, that they may exert against the native zebrafish AhR.

Ordering Information

Order Online »

NGO-Z06001-0096	96 wells
NGO-Z06001-0032	3x32 assays

Manuals, SDS & CofA

View Online »

Handling & Storage

Shipping Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name Aryl Hydrocarbon Receptor

Contents INDIGO's zAhR assay kit is an all-inclusive system. In addition to reporter cells, this kit provides two optimized media for use during cell culture and in diluting the user's test samples, the AhR reference agonist MeBIO, Luciferase Detection Reagent, and a cell culture-ready assay plate.

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