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INDIGO Now Offers Nrf2 Assay Systems

*New Assay Critical to the Study of toxic chemicals in the body
and brain degenerative disorders*

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State College, PA (March 19, 2015) – INDIGO Biosciences, a recognized industry-leading provider of nuclear receptor products and services, announced today that it has completed development of Human Nuclear Factor (erythroid-derived 2)-like 2 (Nrf2). Kits and services are available for immediate purchase in human Nrf2.

Nrf2 is an important target for drug discovery. It regulates the expression of a variety of genes that play critical roles in protecting against damage to cells, and the clearance of toxic chemical from the body. The Nrf2 pathway has been especially studied in various brain degenerative disorders including Alzheimer’s disease, Parkinson’s disease, multiple sclerosis, as well as autism, to name a few.

The Nrf2 pathway has been referred to as the “master regulator of antioxidant, detoxification and cell defense.” For these reasons significant research has been carried out trying to explore how activating this life-sustaining pathway may have critically important applications for our health. INDIGO’s new Nrf2 assay kits include everything required to properly screen for PXR activation.

“We are excited to add Nrf2 Kits and Services to our portfolio. It represents a significant expansion opportunity and enhances our industry leading position”, says Dr. Jack Vanden Heuvel, Chief Scientific Officer.

INDIGO’s Nrf2 assay kits are cell-based assay systems. The assay kits are all-inclusive systems, including optimized media for use during cell culture and in

preparing test compound treatments, a Nrf2 reference agonist, luciferase detection reagents, and an assay plate.

About INDIGO Biosciences, Inc.

INDIGO Biosciences was founded in 2005 in State College, Pennsylvania, and has established itself as an industry-leading provider of both products and services focused on nuclear receptors. INDIGO offers both screening services and assay kits for the pharmaceutical, biotechnology, agri-business, nutraceutical industries, as well as government research agencies and academic researchers.

For more information on INDIGO's Nrf2 assay kit, or any other product, please visit indigobiosciences.com.