Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION
Product name: Human Aryl Hydrocarbon Receptor (AhR) Assay kit
Product Numbers: IB06001-32, IB06001
Supplier: INDIGO Biosciences, Inc., 1981 Pine Hall Rd, State College, PA, 16801, USA

2. BIOACTIVE KIT COMPONENTS
MeBio [(2’Z,3’E)-6-Bromo-1-methylindirubin-3’-oxime; CAS-No. 667463-95-8]; 40 mM solution, solvated in DMSO

3. HAZARDS IDENTIFICATION
Mammalian reporter cells: Bio-safety Level 1 (BSL-1). Non-infectious, non-hazardous, mycoplasma-negative, no exogenous self-replicating or transmissible genetic elements or viral vectors were used in the manufacture of this product; use personal protection devices (section 4) to avoid direct contact.
Cell culture media (CRM and CSM): contains 10% fetal bovine serum; use personal protection devices (section 4) to avoid direct contact.
NFPA Rating: MeBio
Fire: 0
Reactivity Hazard: 0
Potential Health Effects
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

4. EXPOSURE CONTROLS/PERSONAL PROTECTION
Personal protective equipment:
Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

5. FIRST AID MEASURES
In case of skin contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact Flush eyes with water as a precaution.
If swallowed Rinse mouth with water. Consult a physician.

6. STABILITY AND REACTIVITY
Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions no data available
Materials to avoid Strong oxidizing agents
Hazardous decomposition products Hazardous decomposition products formed under fire conditions.
- Carbon oxides
7. TOXICOLOGICAL INFORMATION
Skin corrosion/irritation  no data available
Serious eye damage/eye irritation  no data available
Respiratory or skin sensitization  May cause sensitization by skin contact.
Reproductive toxicity  no data available

8. TRANSPORT INFORMATION
DOT (US)  Not dangerous goods
IMDG  Not dangerous goods
IATA  Not dangerous goods

9. ECOLOGICAL INFORMATION
Toxicity  no data available
Persistence and degradability  no data available
Bioaccumulative potential  no data available
Mobility in soil  no data available
PBT and vPvB assessment  no data available
Other adverse effects  no data available

10. REGULATORY INFORMATION
OSHA Hazards  Target Organ Effect, Skin sensitiser
SARA 302 Components  No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components  This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

11. DISPOSAL CONSIDERATIONS
Do NOT dispose of liquid or solid waste through municipal drainage or landfill systems. Contact a licensed professional waste disposal service to dispose of this material.