

PRODUCT: HepG2 CAR1 / 2B6-Luciferase Cell Line

PATHWAY: 2B6-Luciferase

PRODUCT TYPE: Transient Cell Line

TARGET PROTEIN: CAR1

TARGET SPECIES: Human

ACCESSION NUMBER: Q14994

HOST CELLS: HepG2

DESCRIPTION: HepG2 CAR1 / 2B6-Luciferase Cell Line is a Transient monoclonal cell line in HepG2 cells, targeting the CAR1 pathway via 2B6-Luciferase Assay Cells, and uses a standard Luciferase Assay as the detection method.

ASSAY PROTOCOL: Standard Luciferase Assay System for mammalian cells should be followed according to Assay kit manufacturer protocol.

PACKAGING: Shipped on Dry Ice

STORAGE: Liquid Nitrogen

ALTERNATE NAMES: CAR1, CAR, MB67, Nuclear receptor subfamily 1 group I member 3, Constitutive active response, Constitutive androstane receptor, MB67

BACKGROUND: CAR1, also known as Constitutive Androstane Receptor, binds and transactivates the retinoic acid response that controls both retinoic acid receptor beta 2 and alcohol dehydrogenase 3 gene expression. CAR1 also transactivates phenobarbital response of human CYP2B6 gene and the CYP3A4 xenobiotic response element.

DATA:

Transient Expression in HepG2 cells with 2B6-Luc + CAR1

