

Certificate of Analysis

CellSensor® Myc-*bla* HCT-116 cells, 1 Vial



Combo Kit Part Number: K1467 denotes cells + documentation

Part Number: K1555 Cell Part Number

Lot Number: 1549842

Immediate Storage: Liquid nitrogen or thaw for immediate use.

Shipping Conditions: dry ice overnight (or liquid N₂ followed by dry ice overnight)

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Description:

CellSensor® Myc-*bla* HCT-116 cells contain a beta-lactamase reporter gene under control of the MYC Response Element that has been stably integrated into HCT116 cells. HCT116 cells express elevated level of Myc due to constitutive activation of the upstream beta-catenin pathway. Myc-*bla* HCT116 cells constitutively express beta-lactamase, which can be inhibited by beta-catenin pathway inhibitor, ICG001.

Quantity of Cells: ~ 2,000,000 cells/vial at 2,000,000 cells/mL

Harvest Density:

This lot of cells was harvested at a density of ~175,000 cells/cm² for the functional QC testing. A similar harvest density is recommended for your experiments.

Passage Number: 13

Cell Phenotype: Epithelial

Growth Properties: Adherent

Antibiotic Selection: Blasticidin, 5 µg/mL

Storage and Handling:

After shipment either thaw for immediate use or store in liquid nitrogen. **Cells stored for more than 1 day at -80°C quickly lose viability.** If properly banked, cells are guaranteed for six months in liquid nitrogen.

Storage Buffer:

Recovery™ Cell Culture Freezing Medium (Invitrogen #12648-010).

Biosafety Level: 1

Seeding Density:

The seeding density for CellSensor® Myc-*bla* HCT-116 cells is not available.

Instrument Settings:

The CellSensor® Myc-*bla* HCT-116 cells requires a fluorescence plate reader capable of doing FRET and filters in the **excitation filter at 360 nm and an emission filter at 485 nm** range. When used with the LiveBLAzer™ or ToxBLAzer™ substrate an instrument capable of bottom reads is required. For instrument specific set-up information go to www.invitrogen.com/instrumentsetup.

Protocol or Product Information Sheet:

Visit www.lifetechnologies.com, search on the cell or kit part number and select manuals.

QUALITY ASSURANCE

Lot Specific Testing

Mycoplasma: Negative

Functional Testing:

Each lot of the CellSensor® Myc-*bla* HCT-116 cells is tested for performance using the LiveBLAzer™ substrate. **Pass**

Tony Goossens, Engineer II, QA/QC

Date: 27/Feb/2014

For research use only. Not intended for any animal or human therapeutic or diagnostic use, unless otherwise stated.

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For Research Use Only. Not for use in diagnostic procedures.

For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: drugdiscoverytech@lifetech.com

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