

Certificate of Analysis

GeneBLAzer® PTGDR CHO-K1 DA cells, 1 Vial



Combo Kit Part Number: K1373 denotes cells + documentation

Part Number: K1373A Cell Part Number

Lot Number: 403989

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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www.lifetechnologies.com

Description:

GeneBLAzer® PTGDR CHO-K1 DA cells contain the human Prostanoid (PTGDR) receptor stably integrated into the CellSensor® CRE-*b/a* cell line. CellSensor® CRE-*b/a* CHO-K1 cells contain a beta-lactamase reporter gene under control of the Cyclic AMP Response Element (CRE).

Accession Number: NM_000953.2

Quantity of Cells: ~ 4,800,000 cells/vial

Passage Number: NA

Cell Phenotype: Epithelial

Growth Properties: Adherent

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

Instrument Settings:

The GeneBLAzer® PTGDR CHO-K1 DA cells requires a fluorescence plate reader capable of doing FRET and filters in the **Excitation/Emission (nm): 405/465, 530** 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 GeneBLAzer® PTGDR CHO-K1 DA cells is tested for performance using the LiveBLAzer™ substrate. **Pass**

Nicole Jokl, QA Engineer

Date: 02/Jul/2013

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CellSensor® is a registered trademark of Life Technologies Corporation.

Invitrogen™ is a trademark of Life Technologies Corporation.

LiveBLAzer™ is a trademark of Life Technologies Corporation.

ToxBLAzer™ is a trademark of Life Technologies Corporation.

Recovery™ is a trademark of Life Technologies Corporation.

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