

Certificate of Analysis

GeneBLAzer® PR HEK 293T DA Cells, 1 Vial



Combo Kit Part Number: K1403 denotes cells + documentation

Part Number: K1403A Cell Part Number

Lot Number: 1371313

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® PR HEK 293T DA Cells contain the ligand-binding domain (LBD) of the human Progesterone Receptor (PR) fused to the DNA binding domain of GAL4 stably integrated in the GeneBLAzer® UAS-*b/a* HEK 293T cell line. GeneBLAzer® UAS-*b/a* HEK 293T cells stably express a beta-lactamase reporter gene under the transcriptional control of an upstream activator sequence (UAS). When an agonist binds to the LBD of the GAL4 (DBD)-PR (LBD) fusion protein, the protein binds to the UAS, resulting in expression of beta-lactamase.

Accession Number: NP_000861

Quantity of Cells: ~ 7,200,000 cells/vial at 7,200,000 cells/mL

Population Status: Single cell clone origin

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: 2

Instrument Settings:

The GeneBLAzer® PR HEK 293T 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® PR HEK 293T DA Cells is tested for performance using the LiveBLAzer™ substrate. **Pass**

Becky. Baker, QA Engineer III

Date: 25/Apr/2014

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CellSensor® is a registered trademark of Life Technologies Corporation.

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LiveBLAzer™ is a trademark of Life Technologies Corporation.

ToxBLAzer™ is a trademark of Life Technologies Corporation.

Recovery™ is a trademark of Life Technologies Corporation.

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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