

Certificate of Analysis

GeneBLAzer® LXRα HEK 293T DA Cells, 1 Vial



Combo Kit Part Number: K1401 denotes cells + documentation

Part Number: K1401A Cell Part Number

Lot Number: 879291

Immediate Storage: Liquid nitrogen or thaw for immediate use.

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

5791 Van Allen Way

Carlsbad, CA 92008

Phone: 760.603.7200

Fax: 760.602.6500

www.lifetechnologies.com

Description:

GeneBLAzer® LXRα HEK 293T DA Cells express a recombinant protein consisting of the yeast GAL4 DNA Binding Domain fused to the human Liver-X Receptor alpha (LXRα) Ligand Binding Domain (LBD), stably integrated into the GeneBLAzer® UAS-*bla* HEK 293T cell line. GeneBLAzer® UAS-*bla* HEK 293T cells contain the beta-lactamase (*bla*) reporter gene under the control of an Upstream Activator Sequence (UAS) response element, stably integrated into HEK 293T cells.

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: 2

Instrument Settings:

The GeneBLAzer® LXRα 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.lifetech.com, search on part number and select manuals.

QUALITY ASSURANCE

Lot Specific Testing

Mycoplasma: Negative

Functional Testing:

Each lot of the GeneBLAzer® LXRα HEK 293T DA Cells is tested for performance using the LiveBLAzer™ substrate. **Pass**

Becky. Baker, QA Engineer III

Date: 15/Aug/2012

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ToxBLAzer™ 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