Product Sheet: ViroVision™ HIV Reporter Cells *Rev-A3-GFP/Luc*

Catalog #: CUBRC0022

Description:	Infection of Rev-A3-GFP/Luc by HIV results in GFP/Luc expression in 2-5 days. Rev-A3-GFP/Luc is permissive to a multi-subtype range of X4 and R5 utilizing primary isolates and infectious molecular clones. Rev-A3-GFP/Luc has no background GFP expression in the absence of HIV infection and is resistant to non-viral stimulations by mitogens, cytokines, or other cellular activators.
Contents	1 Vial ~ 5 X 10^6 Cells 1 Vial 200 µl ViroVision™ Infection Enhancement Medium (CUBME0011)
Progenitor:	Human T4-lymphoblastoid cell line, A3.01
Phenotype:	Expresses CD4 and CXCR4.
Applications:	CUBRC0022
Freezing Media:	ViroVision™ Freezing Media: 93% FBS/RPMI with 7% DMSO.
Propagation Media:	ViroVision™ Growth Media B: RPMI-1640 containing 10-15% FBS, 1% L-Glut, 1% Pen/Strep.
Growth:	Split 1:5, twice per week. Cells ready for infection after 2nd passage.
Morphology:	Round
Detection:	Fluorescent microscopy or flow cytometetry (GFP). Luminometer and luciferase detection system (Luc).
Shipping & Storage:	**IMPORTANT** Cells are shipped frozen. If cells are not frozen upon arrival, contact Cube Biosystems immediately. **IMPORTANT** Store cells in vapor phase of liquid nitrogen until you are ready to thaw and propagate. **IMPORTANT** Store Infection Enhancement Medium at -20°C until ready to use. Once thawed, Infection Media is good for 3 months and should be stored at 4°C.
Warranty:	Cube Biosystems warrants that cells shall be viable upon shipment from Cube Biosystems for a period of thirty days, provided they have been properly stored and handled during this period.
Safety:	BSL 1: Appropriate safety procedures should always be used with this material. Prior to thawing cells, under sterile conditions: Unscrew cap 1/4 to 1/2 turn to allow N_2 to escape. Re-secure cap.
Quality:	Negative for mycoplasma, bacteria and fungi.
Disclaimer:	*This product is for research use only and is not approved for use in humans or in clinical diagnosis.*
Reference:	Folks T, et al. Characterization of a continuous T-cell line susceptible to the cytopathic effects of the acquired immunodeficiency syndrome (AIDS)-associated retrovirus. PNAS: 82:4539-4543, 1985

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Cell Data:

Cell Line	Cell #	Viability	Recovery Rate	Mycoplasma Test
Rev-A3-GFP/Luc	5 x 10^6 Cells	95.8%	84.0%	Negative

Directions for Use: See Product Insert or www.cubebiosystems.com/virovision-cell-culture-protocol

ViroVision™ Products

Catalog #	Name	Price[1]
CUBME0011	ViroVision™ Infection Enhancement Medium (10X) 200µl	$120
CUBME0012	ViroVision™ Infection Enhancement Medium (10X) 1 ml	$480
CUBME0013	ViroVision™ Infection Enhancement Medium (10X) 5 X 1 ml	$2180
CUBRC0011	ViroVision™ Rev-A3R5-GFP HIV Reporter Cells	$1,399
CUBRC0012	ViroVision™ Rev-A3R5-GFP/Luc HIV Reporter Cells	$1,899
CUBRC0022	ViroVision™ Rev-A3-GFP/Luc HIV Reporter Cells V	$1399
CUBRC0031	ViroVision™ Rev-CEM-GFP HIV Reporter Cells	$899
CUBRC0032	ViroVision™ Rev-CEM-GFP/Luc HIV Reporter Cells	$999
CUBRC0033	ViroVision™ Rev-CEM-Luc HIV Reporter Cells	$899

[1]**Academic and government price. Others, inquire.**

Technical Support TF: 1-800-314-3246 **Email: info@cubebiosystems.com**

License Agreement – ViroVision™ HIV Reporter Cell Lines

PURCHASER may not distribute ViroVision™ HIV Reporter Cells or any derivatives to **ANY** third parties without obtaining a Material Transfer Agreement from Cube Biosystems. PURCHASER shall comply with all applicable laws in its use and handling of the Product and shall keep it under reasonable safe and secure conditions to prevent unauthorized use or access. THIS PRODUCT IS FOR IN VITRO RESEARCH USE ONLY. THERAPEUTIC, DIAGNOSTIC, OR VETERINARY USE IS PROHIBITED.