



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	CEM-GFP Cells
Catalog Number:	3655
Lot Number:	080119
Release Category:	E
Provided:	1.58 x 10 ⁶ cells/vial, viability is 93%.
Cell Type:	Derived from CEM.
Propagation Medium:	RPMI 1640 medium with 10% fetal bovine serum, 1% penicillin-streptomycin (GIBCO BRL cat# 15140-122), 1% 200 mM L-glutamine (GIBCO BRL cat# 25030-081) and 500 µg/ml G418.
Freeze Medium:	Fetal bovine serum, 90%; DMSO, 10%.
Growth Characteristics:	Cells grow in suspension. Split weekly 1:10 for routine maintenance.
Sterility:	Negative for mycoplasma, bacteria, and fungi.
Special Characteristics:	Neomycin-resistant indicator cells. CEM-GFP can be used to monitor infection with HIV-1 (CXCR4, SI strains), and HIV-2. Productive infection will generate green fluorescent protein (GFP). Protocol for use of the CEM-GFP reporter cell line
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Jacques Corbeil.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References:

Gervais A, West D, Leoni LM, Richman DD, Wong-Staal F, Corbeil J. A new reporter cell line to monitor HIV infection and drug susceptibility in vitro. *Proc Natl Acad Sci USA* **94**:4653-4658, 1997.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: CEM-GFP Cells from Dr. Jacques Corbeil." Also include the reference cited above in any publications.

Limited to one aliquot per laboratory.

Available for non-commercial use. A patent application has been filed on this reagent. Requests from commercial organizations should be directed to the UCSD Technology Transfer Office, TEL: (858) 534-5815, FAX (858-534-7345.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated

June 29, 2016

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