



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	EGFP-CEMNR Cells
Catalog Number:	11698
Lot Number:	110131
Release Category:	C
Provided:	1 ml frozen cells, 7×10^6 cells/ml (viability 94%).
Propagation Medium:	RPMI 1640 90%, Fetal Bovine Serum (FBS) 10%, supplemented with 100 ug/mL streptomycin, 100 IU/mL penicillin, and 800 ug/mL G418.
Freeze Medium:	Growth medium supplemented with 30% FBS and 10% DMSO.
Growth Characteristics:	Suspension cell line; Cells grow singly; Can be split at a 1:3 ratio, twice per week. No special procedures are required for maintaining the culture.
Morphology:	All cells express EGFP in a homogeneous manner; The morphology and size of the cells are also homogeneous.
Sterility:	Negative for mycoplasma
Description:	CEM-NKr cell line stably expressed with EGFP (enhanced green fluorescent protein) by transfection with pEGFP-N1.
Special Characteristics:	Target cells that are ready for pulsing with HIV-gp120, and for testing NK ADCC activity in HIV infected individuals by flow cytometry assay.
Recommended Storage:	-80°C or liquid nitrogen
Contributor:	Dr. Wannee Kantakamalaku

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: Kantakamalakul W, et al. (2006) J Immunol Methods 315:1.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: EGFP-CEMNR from Dr. Wannee Kantakamalakul." Also include the reference cited above in any publications.

Available for non-commercial use only. Requests from commercial organizations must be directed to:

**Mahidol University Applied and Technological Service Center
999 Phuttamonthon Sai 4 Rd, Salaya
Phuttamonthon, Nakhon Pathom 73170
THAILAND**

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