

Data Sheet

NAME :	CEM.NKR-CCR5-Luc
REPOSITORY REFERENCE:	ARP5007
CELL TYPE:	CEM.NKR-CCR5 were transfected (electroporation) to express the luciferase gene under the transcriptional control of the HIV-2 LTR.
PROPAGATION MEDIUM:	RPMI 1640 containing 10% foetal bovine serum, 4 mM glutamine, penicillin/streptomycin and 0.8mg/ml geneticin sulfate (G418).
FREEZE MEDIUM:	Propagation medium, 90%; DMSO, 10%
GROWTH CHARACTERISTICS:	Round lymphoid cells, morphology not very variable. Cells grow in suspension as single cells with small clumps. Split 1:10 twice weekly. The optimal concentration for the culture and use of these cells is 2×10^4 cells per well (96-well plate). NOTE; (A typographical error was made in the Spenlehauer et al. Virology paper that stated the cells should be used at 2×10^5 per well)
SPECIAL CHARACTERISTICS:	Express luciferase activity after transactivation of the HIV-2 LTR. Suitable for infection with primary HIV isolates, for neutralisation and drug-sensitivity assays.
STORAGE:	Liquid Nitrogen

SOURCE: Drs. John Moore and Catherine Spenlehauer. (courtesy of NIH AIDS Research and reference Reagent Programme.)

REFERENCE: Spenlehauer C, et al, *Virology***280**:292-300, 2001
Trkola A, et al, *J Virol***73**:8966-8974, 1999

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