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DATA SHEET

Reagent:	U373-MAGI-CCR5E Cells
Catalog Number:	3597
Lot Number:	110130
Release Category:	B
Provided:	1 mL/vial; 3.2 x 10^6 cells/vial and viability is 93%.
Cell Type:	U373-MAGI cells
Propagation Medium:	DMEM 90%; fetal bovine serum, 10%; 0.2 mg/mL G418; 0.1 mg/mL hygromycin B, and 1.0 µg/mL puromycin.
Freeze Medium:	Propagation medium, 90%; DMSO, 10%.
Growth Characteristics:	Adherent cell line; split 1:5 once or twice per week. Do not culture continuously for more than 20 passages; freeze many early passage aliquots for later use.
Sterility:	Negative for mycoplasma, bacteria, and fungi.
Description:	U373-MAGI cells expressing a modified CCR5 gene linked to a puromycin resistance gene.
Special Characteristics:	These indicator cells can be used in a focal immunoassay for titration of HIV-1, HIV-2, and SIV isolates. Protocol: titering and determining coreceptor usage of viral isolates
Recommended Storage:	Liquid nitrogen

Contributor:	Dr. Michael Emerman
References:	Vodicka MA, Goh WC, Wu LI, Rogel ME, Bartz SR, Schweickart VL, Raport CJ, Emerman M. Indicator cell lines for detection of primary strains of human and simian immunodeficiency viruses. *Virology* **233**:193–198, 1997.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: U373-MAGI-CCR5E Cells from Dr. Michael Emerman." Also include the references cited above in any publications.
Last Updated	July 03, 2018