



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	MOLT-4 CCR5+ Cells
<b>Catalog Number:</b>	4984
<b>Lot Number:</b>	150054
<b>Release Category:</b>	E
<b>Provided:</b>	1 mL of cells Post thaw cell count= $2.6 \times 10^6$ cells/mL. Post thaw cell viability= 60% Cell viability increased to 94% after 4 days in culture.
<b>Propagation Medium:</b>	RPMI 1640, 90%; fetal bovine serum, 10%; 1 mg/mL G418
<b>Freeze Medium:</b>	Propagation media, 90%; DMSO, 10%
<b>Sterility:</b>	Negative for mycoplasma, bacteria and fungi.
<b>Description:</b>	A CCR5 expression plasmid was transfected into MOLT-4 cells and stable transfectants were selected in culture medium containing G418 (1 mg/ml).
<b>Special Characteristics:</b>	MOLT-4/CCR5 highly susceptible to R5 HIV Type 1. CCR5 expression detectable by FACS (>96%).
<b>Recommended Storage:</b>	Keep the reagent in liquid nitrogen. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Masanori Baba, Dr. Hiroshi Miyake, and Dr. Yuji Iizawa.

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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:** Baba M, Miyake H, Okamoto M, Iizawa Y, Okonogi K. Establishment of a CCR5-expressing T-lymphoblastoid cell line highly susceptible to R5 HIV Type 1. *AIDS Research and Human Retroviruses* **16**(10):935-941, 2000.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: MOLT-4/CCR5 from Dr. Masanori Baba, Dr. Hiroshi Miyake, Dr. Yuji Iizawa." Also include the reference cited above in any publications.

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

**Last Updated** January 15, 2019

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