



## 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>	100205
<b>Release Category:</b>	E
<b>Provided:</b>	4.5 x 10 <sup>6</sup> cells/mL. Viability is 70%.
<b>Propagation Medium:</b>	RPMI 1640 medium supplemented with G418 (1mg/ml), 10% FBS.
<b>Freeze Medium:</b>	Propagation medium, 90%; DMSO, 10%.
<b>Sterility:</b>	Negative for mycoplasma, bacteria and fungi.
<b>Description:</b>	CCR5 expression plasmid was transfected into MOLT-4 cells. Stable transfectants were selected in culture medium containing G418 (1mg/ml). The expression of CCR5 on their surface was analyzed by laser flow cytometry.
<b>Special Characteristics:</b>	MOLT-4/CCR5 highly susceptible to R5 HIV Type 1. CCR5 expression detectable by FACS (>96%).
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Masanori Baba, Dr. Hiroshi Miyake, and Dr. Yuji Iizawa.
<b>References:</b>	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. <i>AIDS Research and Human Retroviruses</i> <b>16</b> (10):935-941, 2000.

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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.

**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**

October 09, 2015

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