Centre For AIDS Reagents

Data Sheet

REAGENT: MOLT-4/CCR5

REPOSITORY REFERENCE: ARP5039

DESCRIPTION: 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.

SPECIAL CHARACTERISTICS: MOLT4/CCR5 highly susceptible to R5 HIV Type 1. CCR5 expression detectable by FACS (>96%).

PROVIDED: 4.5x10^6 cells/mL. Viability is 70%.

CULTURE MEDIUM: RPMI 1640 medium supplemented with G418 (1mg/ml), 10% FBS.

RECOMMENDED STORAGE: Liquid nitrogen.

SOURCE: Dr. Masanori Baba, Dr. Hiroshi Miyake, and Dr. Yuji Iizawa.


ACKNOWLEDGEMENTS: Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgement” section at:-

www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.