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DATA SHEET

Reagent:	Sup-T1 CCR5+ Cells (M10)
Catalog Number:	13782
Lot Number:	200215
Release Category:	C
Provided:	1 mL of cells Post thaw cell count = 7 x 10^6 cells/mL Post thaw cell viability = 61% Cell viability increased to 90% after 6 days in culture.
Cell Type:	Human T cell lymphoblast
Propagation Medium:	RPMI, 90%; fetal bovine serum, 10%; 3 µg/mL Blasticidin; Glutamine; Penicillin; Streptomycin
Freeze Medium:	Fetal bovine serum, 90%; DMSO, 10%
Morphology:	Suspension, Lymphocytic Cell Line
Sterility:	Negative for mycoplasma, bacteria, and fungi
Description:	SupT1 derived T cell clone engineered to express medium levels of CCR5.
Special Characteristics:	SupT1 cells were transduced with CCR5 expressing lentivirus. Transduced cells were sorted, individual clones were selected and expanded in blasticidin media and characterized for CD4 and CCR5 expression. Sup-T1 CCR5+ Cells (M10) can be used in HIV infection studies. These cells were received as part of a group and details about each reagent can be found in Table 1.

Table 1: Sup-T1 CCR5+ Cells

Alternate Name: SupT-R5 clone M10

Recommended Storage:	Keep the reagent in liquid nitrogen.
Contributor:	Drs. Anjali Joshi and Himanshu Garg
References:	Joshi, A., Nyakeriga, A. M., Ravi, R. and Garg, H. (2011). HIV ENV glycoprotein-mediated bystander apoptosis depends on expression of the CCR5 co-receptor at the cell surface and ENV fusogenic activity. J Biol Chem, (42), 36404-13. doi:10.1074/jbc.M111.281659 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Sup-T1 CCR5+ Cells (M10) from Drs. Anjali Joshi and Himanshu Garg (cat# 13782)." Also include the references cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Research Contracts and Agreements (RCA) at the following email address: rafael.caraveo@ttuhsc.edu, before the reagent can be released.**
Last Updated	July 17, 2020