

**Centre For AIDS Reagents**

**Data Sheet**

<b>NAME:</b>	AZT Resistant HIV-1 (RTMC)
<b>REPOSITORY REFERENCE:</b>	<b>ARP141</b>
<b>STRAIN:</b>	HIVRTMC (RT mutants : 67N, 70R, 215F, 219Q).
<b>DERIVATION:</b>	Transfection of MT-2 cells with infectious molecular clone, pHIVRTMC.
<b>HOST RANGE:</b>	Human neoplastic CD4+ T-cell lines, including H9, MT-2, MT-4, C8166, CEM, HeLa CD4+ cells and human peripheral blood lymphocytes.
<b>CELL LINE FOR PROPAGATING:</b>	MT-2
<b>CHARACTERISTICS:</b>	In HeLa CD4+ cell assay, this virus has an IC50 value for AZT around 100 fold that of the wild type parental virus, HXB2.
<b>STORAGE:</b>	Liquid nitrogen
<b>SOURCE:</b>	Drs B Larder and S Kemp
<b>REFERENCE:</b>	Larder BA & Kemp SD (1989), Science <u>246</u> :1155.
<b>ACKNOWLEDGEMENTS:</b>	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.org/science\\_and\\_research/virology/centre\\_for\\_aids\\_reagents.aspx](http://www.nibsc.org/science_and_research/virology/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