

**Data Sheet**

**NAME:** HIV-1 Drug (Carbocyclic Nucleoside) Resistant Variant –K65R

**REPOSITORY REFERENCE:** ARP1004

**DERIVATION:** Derived from HXB2 by in vitro selection with 1592U89. RT mutation K→R at position 65.

**ORIGINATORS DESIGNATION:** HXB RT Mutant 65.

**CHARACTERISTICS:** Confers low-level resistance (fourfold) to carbocyclic nucleoside (1592U89), increased cross- resistance to ddI, ddC & 3TC.

**CELLS FOR PROPAGATING:** MT4

**PRESENTATION:** Supplied as cell-free culture supernatants from MT4 cells.

**CULTURE MEDIUM:** RPMI 1640, Foetal calf serum 10%

**SOURCE:** Drs M Tisdale and D Cousens, Glaxo Welcome R & D, Herts.

**REFERENCE:** Tisdale M et al, Antimicrobial Agents and Chemotherapy, May1997, Vol 41, No.5 p1094-1098.

**ACKNOWLEDGEMENTS:** Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at <http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html> in the “Acknowledgements” section.  
Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)