

Centre For AIDS Reagents

Data Sheet

NAME: A2.01

REPOSITORY REFERENCE: ARP090

CAUTION: This cell line may be contaminated with gamma-retroviruses. The information is contained within a manuscript in the Journal of Virology (Takeuchi Y, McClure M and Pizzato M. Identification of γ -retroviruses constitutively released from cell lines used for HIV research. J Virol, 2008 [*in press*]).

SPECIES/TYPE: T cell line (CD4 negative)

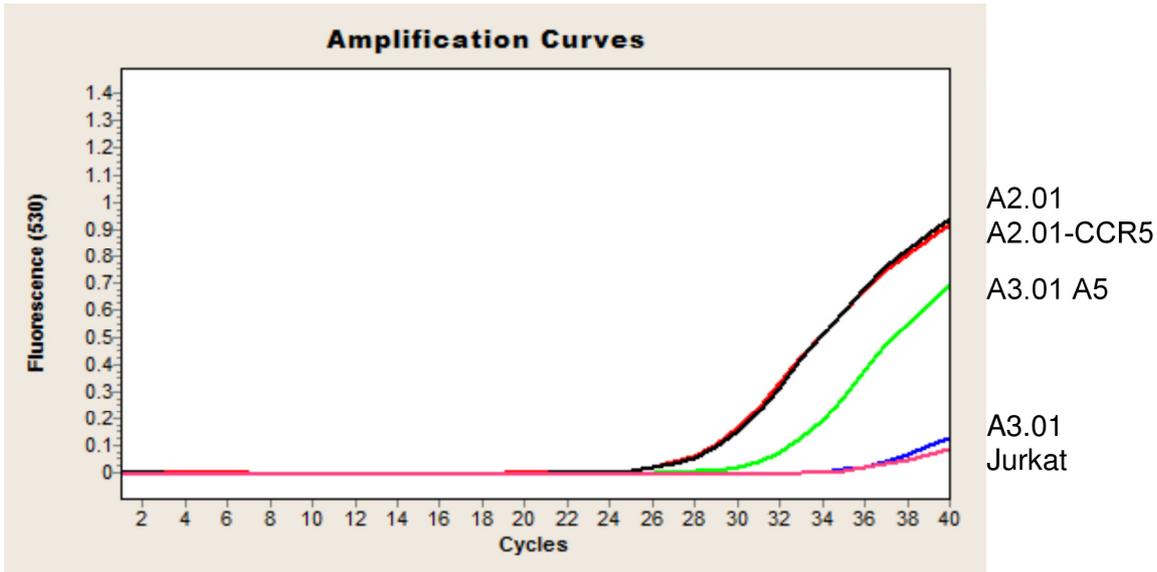
CHARACTERISTICS: Clonally selected natural CD4 – mutant and resistant to HIV infection. May serve as a CD4 – control.

CULTURE MEDIUM: DMEM, 90%
Foetal calf serum, 10%

STORAGE: Liquid nitrogen

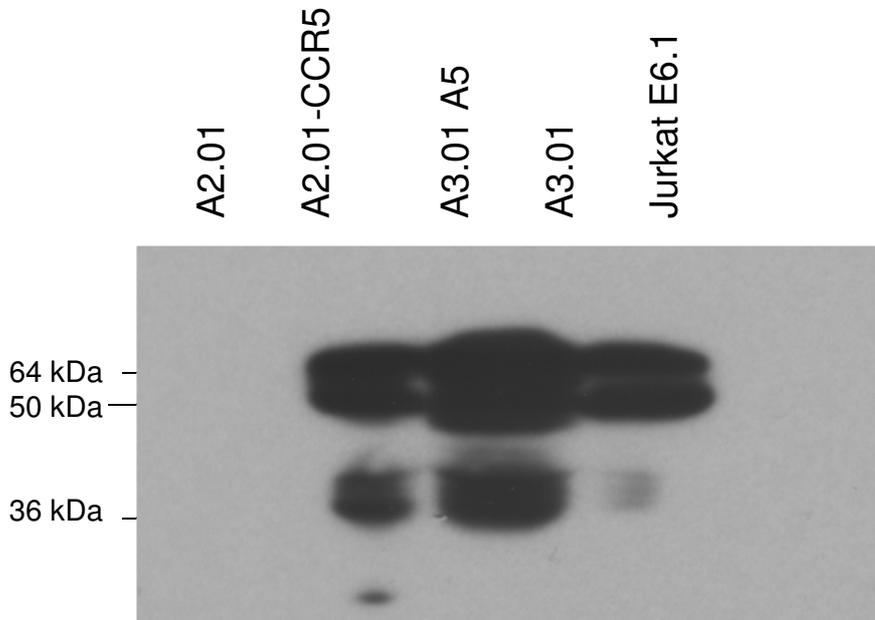
SOURCE: Dr Q Sattentau

SG-PERT (RT assay)



RT activity detected in cell culture supernatants.

Cell culture supernatants (10 ml) were subjected to ultracentrifugation and pellets were tested. Supernatant derived from Jurkat E6.1 was used as negative control.



Western Blotting

Gamma-retrovirus Gag detected in cell lysates.

Equal amounts of cells (2×10^6) were lysed with RIPA buffer and gammaretrovirus gag was detected by Western blotting using an anti-CA antibody. Lysate from Jurkat E6.1 was used as negative control.

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.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