

Data Sheet

NAME :	ACH-2
REPOSITORY REFERENCE :	ARP138
CELL TYPE:	Sub-clone of the cell line A3.01, which is derived from CEM, a human T-cell line originally isolated from the peripheral blood buffy coat of a four year old Caucasian female with acute lymphoblastic leukaemia.
ORIGIN :	USA. Derived from CEM, human T-cell line.
MEDIUM FOR PROPAGATION :	RPMI 1640, supplemented with 10mM HEPES, 2mM L-glutamine, 100U/ml penicillin and 100 µg/ml streptomycin, 90%. Heat inactivated Foetal calf serum, 10%.
SPECIAL CHARACTERISTICS :	HIV-1 latent T-cell clone, CD4 -, CD5+, transferrin receptor+, Leu-1+, HIV-1+. Can be induced with phorbol myristate acetate or TNF- α to secrete high levels of infectious HIV-1. A3.01 cells were infected with LAV and cloned by limiting dilution. ACH-2 is a clone that survived infection and constantly produces low levels of supernatant RT activity.
GROWTH CHARACTERISTICS:	Cells grow in single cell suspension with some visible clumping. Passage the cells every 3 days. Doubling time is 24 hours.

SOURCE :

Dr T.M Folks.

REFERENCE :

Clouse K.A. et al (1989), J. immunol. 142: 431-438.
Folks T.M et al (1989), Proc. Natl. Acad Sci (USA) 86:
2365-2368.

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)