Centre For AIDS Reagents

Data Sheet

NAME: HIV-2$_{CDC310319}$

REPOSITORY REFERENCE: ARP1054

DERIVATION: Originally isolated from diagnostic culture of an Ivorian blood donor on PHA-stimulated normal human PBMCS. Stocks have been maintained on primary human PBMCs only.

CHARACTERISTICS: Primary isolate of HIV-2 subtype B propagated solely on primary human PBMCs; will form syncytia in MT-2 cells.

CELLS FOR PROPAGATING: PBMCs

PRESENTATION: 1.0 ml cell-free virus supernatant from co-cultivation with normal human PBMCs.

CULTURE MEDIUM: Virus was propagated on PHA-stimulated (5 ug/ml) normal human PBMCs in RPMI 1640 (GIBCO) supplemented with 20 mm L-glutamine, 20% heat inactivated fetal calf serum (Hyclone), anti-human interferon (100 U/ml) and interleukin-2 (150 U/ml). Establish tissue culture infection with 100 ul of virus stock per 10^6 PBMCs.

STORAGE: -70°C or below.

SOURCE: Original contributor is Dr. Stefan Wiktor, Director Projet Retro Cl, Cote d'Ivoire. Isolation and viral stocks provided by Dr. Mark Rayfield, Centers for Disease Control and Prevention, Atlanta GA.

National Institute for Biological Standards and Control – Assuring the quality of biological medicines
Blanche Lane South Mimms Potters Bar Hertfordshire EN6 3QG United Kingdom
Tel +44 (0)1707 641000 Fax +44 (0)1707 641050 www.nibsc.ac.uk
A World Health Organization Laboratory for Biological Standards

REFERENCE:

Owen SM, Ellenberger D, Rayfield M, Phillipe M, Hahn BH, Lal RB. Genetically divergent strains of human immunodeficiency virus type 2 use multiple coreceptors for viral entry. *J Virol* **72**:5425-5432, 1998.

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)