REPOSITORY REFERENCE: ARP1192

NAME: SHIV-1157ipEL-p, harvest day 9

CHARACTERISTICS: SHIV-1157ipEL-p is a tier 1 R5 Clade C SHIV. It is a chimera of the "early" neutralization sensitive SHIV-1157ip envelope and the "late" engineered backbone of SHIV-1157ipd3N4, which was engineered to have extra NF-KB sites in the LTRs. The envelope gene was derived from a relatively recently transmitted paediatric R5 Clade C isolate from Zambia. SHIV-1157ipEL-p is a biological isolate that is exclusively R5 tropic and mucosally transmissible. It causes T-cell depletion during acute infection ad gradual progression to AIDS. SHIV-1157ipEL-p has been used as a challenge virus in passive and active immunization studies.

SPECIAL CHARACTERISTICS: TCID50 = 3.2 x 10^5/ml
p27 conc. (ng/ml) = 407

PROVIDED: 0.5ml

CELL LINE FOR PROPAGATION: RM PBMC

STORAGE: Vapour phase of LN2

SOURCE: Dr. Ruth Ruprecht, Dana Farber Cancer Institute and NIAID, DAIDS.

REFERENCES:


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.ac.uk/spotlight/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.