



Centre for AIDS Reagents

Data Sheet

REPOSITORY REFERENCE: **ARP1193**

NAME: SHIV-1157ipEL-p, harvest day 11

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: $TCID50 = 1.6 \times 10^{5}/ml$

p27 conc. (ng/ml) = 188

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.

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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.

ACKNOWLEDGEMENTS:

