DATA SHEET

Reagent:  
HIV-1 J54 R5 (D8) Virus

Catalog Number:  
10053

Lot Number:  
001

Release Category:  
E

Provided:  
0.5 ml cell-free virus  
TCID<sub>50</sub> = 4.1 x 10<sup>4</sup>/mL  
p24 = 27.2 ng/mL

Original Source:  
Virus originally isolated from plasma and has been propagated on PBMC

Host Strain:  
Human PBMCs

Propagation:  
Not known if the virus will propagate in other cells. The best condition for successful virus propagation is spin infection. Medium which should be used: RPMI1640, 10% FCS, 50 IU IL-2/ml, + 2 mM L-glutamine. Fresh uninfected cells should be added to the medium periodically. The virus is cytopathic.

Sterility:  
Negative for mycoplasma, bacteria and fungi.

Description:  
A group M, subtype C, primary HIV-1 virus isolate. Co-receptor utilization is unknown.

Special Characteristics:  
Coreceptor usage not known. Virus not likely to be a recombinant as HMA analyses done on patients and autologous viral sequence in most cases known.

Recommended Storage:  
Liquid nitrogen

Contributor:  
Dr. Christian Brander.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.
Acknowledgment for publications should read “The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 J54 R5 (D8) Virus from Dr. Christian Brander.”

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated: August 06, 2018