Reagent: HIV-1 2066 MB Virus

Catalog Number: 10048

Lot Number: 001

Release Category: E

Provided: 0.5 mL cell-free virus
TCID$_{50}$ = $1.6 \times 10^5$/mL
p24 = 74 ng/mL

Original Source: This virus was isolated from the plasma of an HIV positive individual in South Africa.

Host Strain: Human PBMCs

Propagation: It is not known if this virus will propagate in other cells. The best condition for successful virus propagation is spin infection. Medium which should be used: RPMI1640, 10% FBS, 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: Virus not likely to be a recombinant as HMA analyses done on patients and autologous viral sequence in most cases known.

Recommended Storage: Keep the reagent in liquid nitrogen. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Christian Brander
NOTE: Acknowledgment for publications should read “The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 2066 MB Virus from Dr. Christian Brander.”

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

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