**DATA SHEET**

**Reagent:**  
- HIV-2 CDC77618 Virus

**Catalog Number:** 3932

**Lot Number:** 16 July 1998 (D6)

**Release Category:** C

**Provided:**  
- 1.0 ml cell-free virus supernatant  
  TCID\(_{50}\) = 7.1 x 10^4/mL  
  p27 = 101.87 ng/mL

**Original Source:** Originally isolated from diagnostic culture of Ivorian AIDS patient on PHA-stimulated normal human PBMCs. Stocks have been maintained on primary human PBMCs only.

**Host Strain:** Primary PHA-stimulated human PBMCs are preferred host. Will also grow on PM-1.

**Propagation:**  
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 bovine serum (Hyclone), anti-human interferon (100 U/ml) and interleukin-2 (150 U/ml). Establish tissue culture infection with 150 ul of virus stock per 10^6 PBMCs.

**Sterility:** Negative for bacteria, fungi, and mycoplasma.

**Description:** This virus is a group A HIV-2 isolate.

**Special Characteristics:** CDC77618 is a primary HIV-2 isolate that causes progressive CD4+ cell depletion and productive infection in HIV-2-infected pigtailed macaques.

**Recommended Storage:** Liquid nitrogen.

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


NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 CDC77618 Virus from Dr. Stefan Wiktor and Dr. Mark Rayfield." Also include the reference cited above in any publications.

Scientist at for-profit institutions or who intend commercial use of this reagent must contact contact Dr. Mark Rayfield, Centers for Disease Control and Prevention, Tel:(404) 639-3820, Fax:(404) 639-4664, Email: mark.rayfield@cdc.hhs.gov, before the reagent can be released.

Last Updated: August 02, 2018