



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☒ HIV-1 LAI (BRU) Virus

**Catalog Number:** 2522

**Lot Number:** 110239

**Release Category:** B

**Provided:** 1 ml cell-free virus  
TCID<sub>50</sub>/mL = 2.24 x 10<sup>4</sup>/mL  
p24 = 115 ng/mL.

**Original Source:** France; isolated from an AIDS patient in January, 1983.

**Host Strain:** Human PBMCs or CEM cells

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

**Description:** Utilizes CXCR4

**Special Characteristics:** First strain of HIV-1 to be isolated in the laboratory. Utilizes CXCR4 as a coreceptor. Subculture at 2-4 day intervals.

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. Jean-Marie Bechet and Dr. Luc Montagnier, courtesy of the MRC AIDS Directed Programme.

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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.

**References:** Barré-Sinoussi F, Chermann JC, Rey F, Nugeyre MT, Chamaret S, Gruest J, Dauguet C, Axler-Blin C, Vezinet-Brun F, Rouzioux C, Rozenbaum W, Montagnier L. Isolation of a T-lymphotropic retrovirus from a patient at risk for acquired immune deficiency syndrome (AIDS). *Science* **220**:868-871, 1983. Wain-Hobson S, Vartanian JP, Henry M, Chenciner N, Cheynier R, Delassus S, Martins LP, Sala M, Nugeyre MT, Guétard D, Klatzmann D, Gluckman J-C, Rozenbaum W, Barré-Sinoussi F, Montagnier L. LAV revisited: origins of the early HIV-1 isolates from Institut Pasteur. *Science* **252**:961-965, 1991.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1<sub>LAI</sub> from Dr. Jean-Marie Bechet and Dr. Luc Montagnier." Also include the references cited above in any publications.

**Last Updated:** August 15, 2018

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