



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	☒ HIV-1 89.6 Virus
<b>Catalog Number:</b>	1966
<b>Lot Number:</b>	100084
<b>Release Category:</b>	C
<b>Provided:</b>	1 mL cell-free virus TCID <sub>50</sub> = 9.12 x 10 <sup>3</sup> /mL
<b>Original Source:</b>	Originally isolated from a mixed PBMC culture from an AIDS patient. The original preparation was prepared from molecularly cloned virus, and grown in CEMx174 cells. This lot was prepared in human PBMCs.
<b>Host Strain:</b>	Primary human macrophages and primary lymphocytes. Also replicates in CEMx174 and MT-2 cells, but not in most transformed cell lines. High titer stocks are most easily generated in CEMx174 cells, and growth of working stocks by brief passage in these cells does not affect viral tropism for primary macrophages.
<b>Propagation:</b>	Replicates to high titers in primary human macrophages, primary human lymphocytes, CEMx174, and MT-2 cells; syncytium-forming and highly cytopathic.
<b>Sterility:</b>	Negative for mycoplasma, bacteria and fungi.
<b>Description:</b>	Utilizes CCR5 and CXCR4 as co-receptors.
<b>Special Characteristics:</b>	GenBank Accession Number: <a href="#">U39362</a>
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Ronald Collman

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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:** Collman R, Balliet JW, Gregory SA, Friedman H, Kolson DL, Nathanson N, Srinivasan A. An unusual macrophage-tropic and highly cytopathic strain of human immunodeficiency virus type 1. *J Virol* **66**:7517-7521, 1992.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 89.6 Virus from Dr. Ronald Collman." Also include the reference cited above in any publications. Corporate requests should be directed to the Center for Technology Transfer, University of Pennsylvania, Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147.

**Last Updated:** July 10, 2018

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