



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	☒ HIV-1 Saquinavir-Resistant Virus
<b>Catalog Number:</b>	2948
<b>Lot Number:</b>	070992
<b>Release Category:</b>	B
<b>Provided:</b>	1 ml cell-free virus TCID <sub>50</sub> = 1.3 x 10 <sup>2.10</sup> /mL HIV-1 p24 = 89 ng/mL
<b>Host Strain:</b>	C8166, JM, CEM cells, and human PBMCs
<b>Propagation:</b>	Propagated in CD8-depleted PHA-stimulated PBMCs
<b>Sterility:</b>	Negative for bacteria, fungi, and mycoplasma.
<b>Special Characteristics:</b>	Proteinase from this strain contains Gly 48→Val and Leu 90→Met substitutions that render the virus resistant to the proteinase inhibitor Ro 31-8959 (saquinavir).
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Noel Roberts and Mr. Paul Tomlinson.
<b>References:</b>	Jacobsen H, Yasargil K, Winslow DL, Craig JC, Krohn A, Duncan IB, Mous J. Characterization of human immunodeficiency virus type 1 mutants with decreased sensitivity to proteinase inhibitor Ro 31-8959. <i>Virology</i> <b>206</b> :527-534, 1995.
<b>NOTE:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Saquinavir-Resistant Virus from Dr. Noel Roberts and Mr. Paul Tomlinson." Also include the reference cited above in any publications.

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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.

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