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DATA SHEET

Reagent:	RT-SHIVmne
Catalog Number:	11685
Lot Number:	3 2/20/12
Release Category:	A
Provided:	1 ml of virus. 2 x 10^6 infectious units/mL on TZM-bl cells.
Host Strain:	Infectious stocks of full-length RT-SHIVmne were prepared from a plasmid encoding the 5'-half of RT-SHIVmne cl8 containing the RT coding region of HIV-1 HXB2 (Ambrose et al., J Virol 2004) and the 3'-half of SIVmne027 (Kimata et al., J Virol 1998). The plasmid was transfected into 293T cells to make virus, which was used to infect CEMx174 cells and passaged until a high titer was reached.
Propagation:	Passage in CEMx174 cells or macaque PBMC in RPMI containing 10% FBS and pen/strep.
Description:	This virus is a SIVmne that contains the HIV-1 HXB2 RT coding region.
Recommended Storage:	Liquid Nitrogen
Contributor:	Dr. Zandrea Ambrose
References:	Ambrose et al. Suppression of viremia and evolution of human immunodeficiency virus type 1 drug resistance in a macaque model for antiretroviral therapy. 2007 Nov;81(22):12145-55. Ambrose et al. In vitro characterization of a simian immunodeficiency virus-human immunodeficiency virus (HIV) chimera expressing HIV type 1 reverse transcriptase to study antiviral resistance in pigtail macaques. J Virol. 2004 Dec;78(24):13553-61.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: (Reagent Name) from Dr. Zandrea Ambrose." **Recipient must not use or incorporate the reagent for commercial purposes.**
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