



Product Information Sheet for HRP-20132

Simian Immunodeficiency Virus, SIVagmVer9063-2

Catalog No. HRP-20132

This reagent is the tangible property of the U.S. Government.

Lot No. 70053285

For research use only. Not for use in humans.

Contributor and Manufacturer:

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Product Description:

VIRUS CLASSIFICATION: *Retroviridae, Lentivirus*

SPECIES: Simian immunodeficiency virus

STRAIN/ISOLATE: SIVagmVer9063-2

ORIGINAL SOURCE: Simian immunodeficiency virus (SIV), SIVagmVer9063-2 is a full-length infectious clone isolated from a pig-tailed macaque (PT63) that developed AIDS after inoculation with a virus isolate derived from naturally infected vervet species of African green monkey (AGM90).^{1,2}

COMMENTS: The clone is infectious *in vitro* and causes AIDS in PT macaques but does not induce disease in vervet AGM despite robust viremia.^{1,2} The complete genome of the SIVagmVer9063-2 clone has been sequenced (GenBank: [L40990.1](#)).

Material Provided:

Each vial contains approximately 1.0 mL of supernatant from PT macaque peripheral blood leukocytes (PBL) infected with SIVagmVer9063-2. The virus supernatants were prepared by centrifugation followed by filtration through a 0.45 µm filter. HRP-20132 has not been tested for mycoplasma contamination.¹

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

HRP-20132 was packaged aseptically in plastic cryovials. The product is provided frozen and should be stored at -100°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

HOST: PT macaque peripheral blood mononuclear cells (PBMC)

GROWTH MEDIUM: RPMI 1640 medium supplemented with 10% heat-inactivated fetal bovine serum

INFECTION: Cells should be 70% to 90% confluent

INCUBATION: 10 to 14 days at 37°C and 5% CO₂

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Simian Immunodeficiency Virus, SIVagmVer9063-2, HRP-20132, contributed by Dr. Vanessa M. Hirsch."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

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its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. Hirsch, V. M., Personal Communication.
2. Hirsch, V., et al. "Induction of AIDS by Simian Immunodeficiency Virus from an African Green Monkey: Species-Specific Variation in Pathogenicity Correlates with the Extent of *in Vivo* Replication." *J. Virol.* 69 (1995): 955-967. PubMed: 7815563.

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