Simian Immunodeficiency Virus, SIVsun (Sun-tailed monkey)

Catalog No. HRP-20128
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Lot No. 70052642

For research use only. Not for use in humans.

Contributor and Manufacturer:
Vanessa M. Hirsch, D.V.M., D.Sc., Laboratory of Molecular Biology, National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH), Bethesda, Maryland, USA

Product Description:
VIRUS CLASSIFICATION: Retroviridae, Lentivirus
SPECIES: Simian immunodeficiency virus
STRAIN/ISOLATE: SIVsun
ORIGINAL SOURCE: Simian Immunodeficiency Virus (SIV), SIVsun was isolated from peripheral blood mononuclear cells (PBMC) of a sun-tailed monkey (Cercopithecus lhoesti solatus) from a small collection of nonhuman primates in France.1,2
COMMENTS: This uncloned virus is infectious and pathogenic (AIDS-inducing) in pig-tailed (PT) macaques.3 The complete genome of SIVsun has been sequenced (GenBank: AF131870.1).

Material Provided:
Each vial contains approximately 1.0 mL of supernatant from PT macaque PBMC infected with SIVsun. The virus supernatant was prepared by centrifugation followed by filtration through a 0.45 µm filter. HRP-20128 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-20128 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 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, SIVsun (Sun-tailed monkey), HRP-20128, contributed by Dr. Vanessa M. Hirsch.”

Biosafety Level: 2

Disclaimers:
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References:


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