Vaccinia Virus, IHD

Catalog No. NR-52
(derived from ATCC® VR-156™)

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Contributor:
ATCC®

Product Description:

Virus Classification: Poxviridae, Orthopoxvirus
Agent: Vaccinia virus (VACV)
Strain/Isolate: IHD (International Health Division)
Source: Derived from the original New York City Board of Health (NYCBOH) strain
Comments: The IHD strain of vaccinia virus was deposited at ATCC® by Dr. J. Earle Officer of United States Army Biological Laboratories, Fort Detrick, Maryland in 1963. The coding sequences for several of the genes have been determined and are available in GenBank.

Material Provided:
Each vial contains approximately 1 mL of cell lysate and supernatant from Rhesus monkey kidney (LLC-MK2) cells infected with VACV, IHD.

Packaging/Storage:
NR-52 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen tank should be avoided.

Growth Conditions:
Host: LLC-MK2 cells (ATCC® CCL-7.1™)
Growth Medium: Eagle’s Minimum Essential Medium supplemented with 2% fetal bovine serum, or equivalent (lot-specific details are on the Certificate of Analysis)
Infection: Cells should be 80 to 90% confluent (not 100% confluent)
Incubation: 4 to 6 days at 37°C and 5% CO2
Cytopathic Effect: Cell rounding and detachment

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Vaccinia Virus, IHD, NR-52.”

Biosafety Level: 2

This publication recommends that all persons working in or entering laboratory or animal care areas where activities with vaccinia virus are being conducted should have documented evidence of satisfactory vaccination within the preceding ten years.

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References:
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