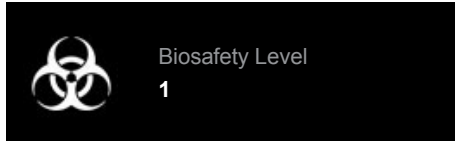




Product Sheet

Prunus necrotic ringspot virus (ATCC® PVAS-22™)

Please read this **FIRST**



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Prunus necrotic ringspot virus (ATCC® PVAS-22™)

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Manassas, VA 20108 USA
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Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Notes

Thirteen isolates of PNRV from stone fruit representing 3 serogroups (Plant Dis. 71: 91, 1987), a PNRV isolate from hops (Plant Dis. 71: 1019, 1986), and three isolates of apple mosaic virus (ApMV) were used to evaluate antibody specificity of the following reagents: **A.** Used as coating antibodies: (1) ATCC PVAS-22, a polyclonal antiserum produced against ATCC PV-22 (PNRV strain G); (2) ATCC PVAS-623, a polyclonal antiserum recently produced against ATCC PV-22. **B.** Used as probes: (1) ATCC PVAS-604, a monoclonal antibody produced from hybridoma cell line NA70C9 (Phytopathology 74: 367, 1984), (2) ATCC PVAS-605, a monoclonal antibody produced from hybridoma cell line NA63F10 (ibid).

In these tests, all 13 stone fruit isolated were detected by each of the four reagent combinations. None of these combinations detected PNRV from hops or any of the ApMV isolates. Assays were conducted and analyses kindly furnished by Dr. Gaylor Mink

(Washington State University, Rt. 2, Box 2953-A, Prosser, WA 99350-9687). Virus is seed-transmissible.

Use Restrictions

This culture is sent with the condition that you are **responsible** for its safe storage, handling and use. ATCC is not liable for damages or injuries resulting from receipt and/or use of an ATCC culture. **It is for research use only.**

ATCC recommends that individuals contemplating commercial use of any ATCC culture or strain first contact the originating investigator to negotiate an agreement. Third party distribution of this culture is discouraged, since this practice has resulted in the unintentional spreading of contaminated cultures.

Note: While every effort is made to insure authenticity and reliability of strains on deposit,

ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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