



Product Sheet

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

Please read this **FIRST**



Storage Temp.

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Biosafety Level  
1

## 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™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
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## Description

**Strain:** Prunus necrotic ringspot virus antiserum [Prunus necrotic ringspot virus antiserum]

**Classification:** Bromovirus

**Depositor:** ATCC

## Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

## Propagation

**Propagation Host:**

**Host Plant from which Virus was purified:** Cucumis sativus

**Test Animal Used:** Rabbit

## Comments

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.**

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## References

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## 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 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

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet,



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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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