



# Sendai virus

VR-105™

## Description

Sendai virus strain Sendai/52 is propagated in SPF chicken embryonated eggs. This strain was isolated from the lung of a patient with a fatal case of newborn pneumonitis in Japan in 1952 and was deposited by the Centers for Disease Control and Prevention. The virus has applications in respiratory disease research.

**Strain designation:** Sendai/52

**Common name:** Murine parainfluenza 1

**Deposited As:** Influenza D (Sendai) virus type 1

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -70°C or colder

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## Intended Use

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

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## BSL 2

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or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Growth Conditions

**Host:** SPF chicken embryonated eggs, 10 days

**Effects:** hemagglutination of red blood cells

**Temperature:** 37°C

**Recommendations for infection:** Dilute virus in D-PBS prior to inoculation.

**Incubation:** 2 days

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### Handling Procedures

**Mycoplasma contamination:** Not detected

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### Notes

**Key Abbreviations:** °C, Degrees Celsius; D-PBS, Dulbecco's Phosphate-buffered saline; RBC, Red blood cell; SPF, Specific pathogen free

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Sendai virus (ATCC VR-105)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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### Revision

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