



Influenza B virus

VR-788™

Product Sheet

Description

Influenza B virus strain B/R22 Barbara is propagated in SPF chicken embryonated eggs. This strain was deposited by Recherche et Industrie Therapeutiques and has applications in influenza research.

Strain designation: B/R22 Barbara

Deposited As: Influenza B virus

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Patent number:

3,962,423

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

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.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local 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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host: SPF chicken embryo (10 to 11 day, intra allantoic)

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Effects: hemagglutination of red blood cells

Temperature: 37°C

Incubation: 1 to 4 days at 37°C, with humidity

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Strain influenza B/Hong Kong/5/72 antigenicity, completely resistant to serum inhibitors, positive allantoic on shell marker, negative hemagglutinin thermosensitivity at 60°C, stable hemagglutination of sheep RBCs at 30°C. NOTE: This material is cited in a U.S. and /or other Patent and may not be used to infringe the patent claims.

Key Abbreviations: °C, Degrees Celsius; CE, Chicken embryo; CEID[50], The Chicken Embryo Infectious Dose 50% endpoint is the 50% infectious endpoint in a chicken embryo.; CRBC, Chicken red blood cells; HA, Hemagglutination; mL, Milliliter; N/A, Not applicable; RBC, Red blood cell; SPF, Specific pathogen free; U.S., United States of America

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Influenza B virus (ATCC VR-788)

References

References and other information relating to this material are available at www.atcc.org.

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