Strain: B632
Classification: Picornaviridae, Enterovirus, Human rhinovirus A
Original Source: Presumed from human throat washings. Treated ATCC® VR-1111™ to remove mycoplasma at ATCC®.
Depositor: National Institute of Allergy and Infectious Diseases; ATCC

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: Human rhinovirus 1B, Purified (ATCC® VR-1645PQ™)

Recommendations For Infection: Plate cells 24-48 hours prior to infection and infect when cultures are 80-90% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm²) diluted to provide an optimal MOI (e.g. 0.01). Adsorb 1-2 hours at 33°C in a humidified 5% CO₂ atmosphere rocking continuously. End adsorption by adding virus growth medium.
Incubation: 2-7 days

ATCC® VR-1645PQ™ is a high-titer, purified, live virus suspended in 0.01% BSA + 25 mM HEPES + 10 mM NaCl + DPBS. This product was prepared from ATCC® VR-1645™ via purification through sucrose gradient centrifugation, and is devoid of cellular debris and contaminants.

Strain B632 is the prototype strain for Human rhinovirus 1B

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

Key Abbreviations
°C, degrees Celsius
BSA, bovine serum albumin
CO₂, Carbon dioxide
CPE, Cytopathic effect
DPBS, Dulbecco's phosphate-buffered saline
EMEM, Eagle's minimum essential medium
HEPES, 4-(2-hydroxyethyl)-1-piperazinethanesulfonic acid
FBS, Fetal Bovine Serum
MOI, multiplicity of infection

Biosafety Level: 2

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
The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the
product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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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