unknown

VR-3194™

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: BSC40 [BSC-40] (ATCC CRL-2761)
Temperature: 32°C
Atmosphere: 95% Air, 5% CO_2
Recommendations for infection: Plant cells 24 to 48 hours in advance and infect when cultures are 80-90% confluent. Remove medium and inoculate with a small volume of virus diluted to provide a MOI of about 1-3. Adsorb 1-2 hours at 32°C in a humidified 5% CO_2 atmosphere, rocking every 20-30 minutes to redistribute inoculum. End adsorption by adding virus growth medium.
Incubation: Incubate infected culture for 1-3 days at 32°C temperature in a humidified 5% CO2 atmosphere, until CPE are well advance through 90% of the culture.

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Not described in the original publication, but presumed to have been selected after mutagenesis with nitrosoguanidine and replication in the presence of bromodeoxyuridine. The non-permissive incubation temperature is 39.5°C. This mutant was not assigned to a Dales EM category. The mutation was assigned by

complementation analysis (Lackner, et al, 2003) to vaccinia virus map location J6, the 147 kDa RNA subunit of the viral RNA polymerase.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: unknown (ATCC VR-3194)

References

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

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Revision

This information on this document was last updated on 2022-09-29

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