**Product Sheet**

**Rabies virus (ATCC® VR-321™)**

### Description

**Strain:** CVS-27  
**Classification:** Rhabdoviridae, Lyssavirus  
**Original Source:** Derived from Pasteur strain  
**Depositor:** EB Seligmann Jr., National Institutes of Health, MJ Torres-Anjel, University of Missouri

### Batch-Specific Information

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

### Propagation

**Propagation Host:** Neuro-2a (ATCC® CCL-131™)  
**Effect on Host:** No CPE produced on production host.

**Medium:** DMEM (ATCC® 30-2002™) + 10% FBS (ATCC® 30-2020™)

**Growth Conditions**

- **Temperature:** 37°C  
- **Recommendations for Infection:** Plate cells 24-48 hours prior to infection and infect when cultures are 50% 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. 0.1). Adsorb 1 hour at 37°C in a humidified 5% CO₂ atmosphere, rocking every 20-30 minutes to redistribute inoculum. End adsorption by adding virus growth medium.  
- **Incubation:** 4 days

**Used as challenge strain by Div. Biol. Standards, NIH.**

### Comments

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

### Key Abbreviations

- CO₂, Carbon dioxide  
- °C, degrees Celsius  
- DMEM, Dulbecco Modified Eagle Medium  
- FBS, Fetal Bovine Serum  
- CPE, cytopathic effect

### 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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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

- **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: Rabies virus (ATCC® VR-321™)
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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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