




Product Sheet

## *Chlamydia muridarum*


Everett et al. (ATCC® VR-123™)

Please read this **FIRST**



Storage Temp.  
**-70°C or colder**

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Biosafety Level  
**2**

### 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: *Chlamydia muridarum* Everett et al. (ATCC® VR-123™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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### Description

**Strain:** Mouse Pneumonitis strain Nigg II  
**Classification:** Chlamydiaceae  
**Original Source:** Normal mice, 1939  
**Depositor:** FB Gordon, J Schachter

### Batch-Specific Information

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

### Propagation

#### Propagation Host:

McCoy (ATCC® CRL-1696™)

#### Effect on Host:

Intracellular inclusion bodies visualized by fluorescent staining with genus or species specific conjugated antibodies

#### Growth Conditions

**Temperature:** 37°C

**Recommendations for Infection:** 48 hours at 37°C in McCoy cells (ATCC® CRL-1696™). Add glassbeads and vortex preparation to disrupt cells. Infect monolayer with disrupted material. Centrifuge at 3000 x rpm (750 x g) for 1 hour. Feed with fresh growth medium containing 1-2 µg/mL cycloheximide. Incubate at 37°C for 48 hours.

**Incubation:** 48 hours

### Comments

Although this agent is not known to be pathogenic for humans, it should be handled with care. This holding has tested positive for Mycoplasma contamination. Mice receiving 1:100 dilution i.n. of infected y.s. occasionally develop pneumonia and die. The Nigg II strain was first deposited by F.B. Gordon as yolk-sac adapted material. It was subsequently redeposited as tissue culture adapted material by J. Schachter.

### References

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

### Key Abbreviations

CE, chicken embryo  
i.n., intranasal  
M, mouse  
TC, tissue culture  
TCID<sub>50</sub>, median tissue culture infective dose  
y.s., yolk sac

### 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.




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### 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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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