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

**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™)

**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. 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. Next-generation sequencing (NGS) at ATCC on the McCoy cell line (ATCC® CRL-1696™) used as the host has shown the presence of Mus Musculus mobilized endogenous polytropic provirus and Murine leukemia virus.

**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[50], 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**

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formulation is used, the ATCC warranty for viability is no longer valid.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.