**Strain:** Trachoma type D strain UW-3/Cx  
**Classification:** Chlamydiaceae, Chlamydia  
**Original Source:** Human cervix, asymptomatic  
**Depositor:** SP Wang

**Batch-Specific Information**
Refer to the Certificate of Analysis for batch-specific test results.

**Propagation**
**Propagation Host:** McCoy cells (ATCC® CRL-1696™)  
**Effect on Host:** CPE, intracellular inclusion bodies

**Medium:** DMEM (ATCC® 30-2002™) + 10% prescreened FBS + 10 mM HEPES + 2 μg/mL Cycloheximide (Sigma C-4859 Ready-Made)

**Growth Conditions**
**Temperature:** 36°C  
**Recommendations For Infection:** For best results cells should be 24 to 48 hours old and 90-100% confluent.  
**Incubation:** 3 days, 5% CO₂ in air atmosphere is recommended

**Comments**
FBS used to culture *Chlamydia* must be prescreened to verify that the serum does not contain antibodies to *Chlamydia* or other factors that would interfere with growth.  
Note that activities with high potential for aerosol production require BSL 3 facilities and practices. Rapid loss in titer when stored above -70°C.  
Suggested protocol for propagation: Add glass beads 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 FBS prescreened for *Chlamydia* antibodies and 1-2 μg/mL Cycloheximide.  
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

**Key Abbreviations**
°C (C), degree Celsius  
CO₂ (CO2), carbon dioxide  
CPE, cytopathic effect  
DMEM, Dulbecco's minimum essential medium  
g, acceleration due to gravity  
HEPES, N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid)  
McCoy, mouse line susceptible to *Chlamydia*  
rpm, revolutions per minute

**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.

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

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