Strain: Strain: 1
Classification: Chlamydiaceae
Original Source: Guinea pig conjunctiva
Depositor: J Schachter

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

Propagation Host:
McCoy cells (ATCC CRL-1696)
Host of Choice: McCoy.
Host Range: CE y.s., GP and McCoy.
chicken embryo, yolk sac; guine pig; McCoy cells (ATCC CRL-1696)

Effect on Host:
Yes, in vitro effects: Cytopathic effects (inclusions) detectable by immunofluorescence; mild conjunctivitis in guinea pig
Inclusions visualized by FA; mild conjunctivitis in GP.

Experimentally infectious for the vagina and urethra of guinea pigs.
Chlamydial group CF antigen present. Non-infectious for the conjunctivae of the mouse, hamster, rabbit and only slightly or irregularly infectious for the conjunctivae of the Mongolian gerbil. In general, inclusions are visible 3-4 days after inoculation of GP eye, vagina and urethra with approximately 10(3) dilution of the y.s.

Original Preparation Contributed 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 and other information relating to this product are available online at www.atcc.org.

Key Abbreviations
CE, chicken embryo
CF, complement fixation
GP, guinea pig
SPG, sucrose-phosphate-glutamate
TC, tissue culture
TCID[50], median tissue culture infective dose
y.s., yolk sac

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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