



Product Sheet

Neospora caninum (ATCC®) PRA-138™

Please read this **FIRST**



Storage Temp.
**liquid nitrogen
vapor phase**



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: *Neospora caninum* (ATCC® PRA-138™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain Designation: NC-Bahia
Deposited Name: *Neospora caninum* Dubey et al.
Depositor: LF Gondim, MM McAllister
Isolation:
clinical specimen - animal
Salvador Brazil
Isolation date: October, 1999

Propagation

Growth Conditions

Atmosphere: air, 95%; carbon dioxide (CO₂), 5%
Temperature: 37.0°C

Duration: The organism is propagated in Vero cells.

Protocol:

1. Scrape the Vero cells into the culture medium when holes develop in the monolayer (tachyzoite clusters are observed in the cells and 7 micrometer long banana-shaped tachyzoites are free in the medium).
2. Transfer approximately 0.5 ml of the harvested medium (or approximately 500,000 tachyzoites) to another T25 flask containing a fresh monolayer of vero cells.
3. Incubate at 37C.

Interval: approximately 1 week

Medium

RPMI 1640 medium with 2 mM L-glutamine adjusted to contain 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, and 1.0 mM sodium pyruvate, 95%; horse serum, 5%

Cryopreservation

Storage temperature: liquid nitrogen vapor phase

References

References and other information relating to this product are available online at www.atcc.org.

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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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

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

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