



Product Sheet

# *Cryptococcus neoformans* (ATCC® CNKO-PS™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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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: *Cryptococcus neoformans* (ATCC® CNKO-PS™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Strain Designation:** CnKOv1.0

**Deposited Name:** *Cryptococcus neoformans* (Sanfelice) Vuillemin

**Genotype:** MATalpha cnx####:natR

## Propagation

ATCC® Medium 1069: YPAD medium

## Growth Conditions

**Temperature:** 25°C

## Recommended Procedure

1. Check the plates for any cracks or leakage upon receipt.
2. For testing or sampling, before peeling off the adhesive cover from a plate, spin the plate briefly (2-3 minutes) in a centrifuge at 750Xg, if possible. Then peel the adhesive cover off the plate surface carefully to avoid cross contamination between wells. Keep the plates frozen before peeling off the adhesive cover sheet.
3. For testing viability, pipette 2-5 µL of each strain and streak it on YPAD or YEPD agar plate, with or without nourseothricin (100 µg/mL), and incubate at 25°C to 30°C for two days or longer.
4. Please note that some strains may grow slowly and may require longer than the normal incubation time.

## Notes

FTP Site For CNKO-PSTM Strain Data Files

Please enter the following address into your browser to view or download ATCC Number CNKO-PSTM Excel list of strains on ATCC's file transfer (ftp) site: [ftp://ftp.atcc.org/pub/mkt/CNKO-PS%20\(CnKOv1.0\).xls](ftp://ftp.atcc.org/pub/mkt/CNKO-PS%20(CnKOv1.0).xls) Please contact ATCC Technical Service if you have questions at 1-800-638-6597 or [tech@atcc.org](mailto:tech@atcc.org).

## References

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

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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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