



Saccharomyces cerevisiae **Meyen ex E.C. Hansen**

201917™

Description

Strain designation: YIY808

Deposited As: *Saccharomyces cerevisiae* Hansen, teleomorph

Type strain: No

Mating type: a

Genotype: MATa leu2 ura3 ade6

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1245: YEPD

Temperature: 25°C

Handling Procedures

Frozen vials should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen vials may be stored at or below -70°C. **Do not under any circumstance store frozen vials at refrigerator freezer temperatures (generally -20°C) for long-term storage.** Long-term storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen vial, place it at room temperature or in **30°C** water bath (not

submerged), until just thawed (around **90 seconds**).

2. Immediately after thawing, aseptically transfer the culture into a test tube or plate of the medium recommended.

3. Incubate the test tube or plate at the temperature recommended (**25-28°C**).

Recommended Medium: ATCC 1245:YEPD

Yeast extract, 10.0 g

Peptone, 20.0 g

Dextrose, 20.0 g

Agar, 15.0 g

Distilled water to 1.0 L

Combine ingredients, heat to dissolve agar if necessary, and autoclave for 15 minutes at 121C.

Commercial YPD or YEPD media may be used in place of the dry ingredients noted. Prepare according to manufacturer's instructions. **Selective media should also be used to verify the phenotype of the subcultures used.**

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen (ATCC 201917)

References

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

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