



Saccharomyces cerevisiae Meyen ex E.C. Hansen

GSA-9PS™

Description

PRODUCT DESCRIPTION:

Frozen cultures arrayed on three 96-well plates, named as GSA-9P1, GSA-9P2 and GSA-9P3. Each well on the plate contains a unique strain as 150 µl of cell suspension in YEPD with 10% glycerol. The location of each strain is indicated in the table on page 2.

Strains were created by systematic, pair-wise mating of sixteen MATa haploid strains with sixteen congenic MATα haploid strains in all possible combinations to generate a total of 256 F1 hybrid strains. These strains, along with the 32 F0 parent strains, are arrayed on three 96-well plates (see page 2). For detailed information on strain generation, see the reference.

Strain designation: YDL plate set (3 plates)

Type strain: No

Mating type: a/alpha

Genotype: LYS/lys URA/ura

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

ATCC Medium 1069: YPAD medium

Temperature: 25°C

Handling Procedures

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 l of each strain and streak it on YPAD or YEPD agar plate, with or without nourseothricin (100 g/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.
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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 GSA-9PS)

References

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

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