



Product Sheet

Saccharomyces cerevisiae (ATCC® GSA-10™)

Please read this FIRST



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: *Saccharomyces cerevisiae* (ATCC® GSA-10™)

Description

Strain Designation: CDL plate

Genotype: LYS/lys URA/ura

Product Description:

PRODUCT DESCRIPTION:

Frozen cultures arrayed on a 96-well plate. Each well on the plate contains a unique strain as 150 µl of cell suspension in YPAD 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 MATalpha haploid strains in all possible combinations to generate a total of 256 F1 hybrid strains. A subset of these strains were selected and arrayed on the 96-well plate (see page 2). For detailed information on strain generation, see the reference.

Propagation

ATCC® Medium 1245: YEPD

ATCC® Medium 1069: YPAD medium

Growth Conditions

Temperature: 25.0°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.

References

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

Biosafety Level: 1

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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Disclaimers

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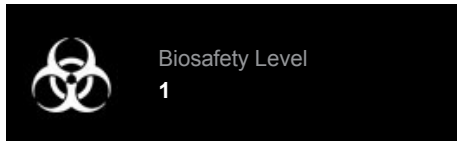
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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