Didymium iridis (Ditmar) Fries

24464™

Description

An ampoule containing viable cells (may include spores, cysts and plasmodia) suspended in cryoprotectant.

Strain designation: H7 [ATCC 66552, Hon1-7, Hon1-7RC-1(2N)]
Deposited As: *Didymium iridis* (Ditmar) Fries
Type strain: No
Mating type: A2
Genotype: b1+ fus1 FUS2 FUS3 FUS4 fus5 FUS6 FUS7 CLZ1 CLZ2 clz3 clz4 CLZ5 clz6

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

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 307: Cornmeal agar
ATCC Medium 2219: Corn meal agar, half-strength
Temperature: 24-26°C
Atmosphere: Aerobic
Incubation: Grown with Escherichia coli

Handling Procedures

For **freeze-dry (lyophilized)** ampoules:

1. One day prior to inoculation streak an X from the center of an agar plate almost to the edge with a dense suspension of live food source (e.g. ATCC® 23437™) and incubate at 30°C. Several replicates are recommended for optimum results.
2. At least 2 hours prior to inoculation (overnight is recommended) open an ampoule of the culture according to enclosed instructions.
3. From a single test tube of **sterile distilled water** (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet culture. Stir to form a suspension.
4. Aseptically transfer the suspension back into the test tube.
5. Let the test tube sit at room temperature (~25°C) undisturbed for at least 2 hours.
6. Once rehydrated express a few drops of the culture onto the center of the medium containing the food source. Streak to distribute slightly along food line.
7. Incubate the culture at the propagation conditions recommended.
8. Inspect for growth of the inoculum/strain regularly. Viability is typically noticeable microscopically after 3-5 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Notes

Food source - *Escherichia coli* (ATCC® 23437™)

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Didymium iridis* (Ditmar) Fries (ATCC 24464)

References

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

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