



Product Sheet

# *Fischerella* sp. (ATCC® 53558™)

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: *Fischerella* sp. (ATCC® 53558™)

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

**Designation:** MAL62: AC 66  
**Deposited Name:** *Fischerella* sp.

## Propagation

### Medium

ATCC® Medium 616: Medium BG-11 for blue-green algae

### Growth Conditions

**Temperature:** 26.0°C

**Atmosphere:** Under light intensity of 2,000-3,000 lux

### Propagation Procedure

1. Keep vial frozen until ready to use, then let thaw at room temperature.
2. Using a pipette, withdraw the entire vials contents and inoculate a single tube (5.0 to 6.0 ml) of ATCC Medium #616 broth.
3. Aseptically remove 1.0 to 1.5 ml of the diluted culture and inoculate an additional two tubes of #616 broth (0.5 ml per tube) and one or two #616 slants (0.2ml per slant).
4. Incubate tubes at 26°C under 2000-3000 LUX light (within 2 to 3 inches of a 15 watt fluorescent light). It is helpful to incubate test tubes in a slanted position to increase gas exchange in broth and to enhance exposure to light.

## Notes

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

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



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