



Product Sheet

# *Oxalobacter formigenes* (ATCC® 43053™)

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: *Oxalobacter formigenes* (ATCC® 43053™)

## Description

**Designation:** Sox-4 [CIP 105951]

**Deposited Name:** *Oxalobacter formigenes* Allison et al.

## Propagation

### Medium

ATCC® Medium 1514: Modified oxalate medium (ATCC medium 1352) with 20 ml trace element solution

### Growth Conditions

**Temperature:** 20.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Open the vial according to enclosed instructions and handle the organism using anaerobic techniques (see below).
2. Aseptically transfer 0.5 ml of #1514 broth to the vial and rehydrate the pellet. Transfer the cell suspension back into the broth tube. Inoculate a plate of a non-selective medium such as Tryptic Soy, Nutrient, or blood agar with 0.1 ml of the cell suspension.
3. Seal the tube with a rubber stopper and incubate anaerobically at 20-25°C. Incubate the plate(s) aerobically as a purity check.
4. After two or three days, growth should be evident through out the broth. Once growth has been established the culture should be transferred to fresh broth every 24 to 48 hours.
5. This culture is very sensitive to oxygen therefore steps should be taken to avoid exposure to air. When the culture exhibits good growth it will remain viable for up to 1 week if stored at 4°C under anaerobic conditions.

### ANAEROBIC CONDITIONS:

- Tubes of media are placed under a gassing cannula system hooked to a source of oxygen-free gas.
- All transfers are performed while the test tubes are on the cannula system with a gentle stream of oxygen-free gas flowing through the system.
- As the test tubes are removed from the cannula system, each is sealed with butyl rubber stopper thus maintaining the anaerobic headspace.
- 100% carbon dioxide is typically employed as the oxygen-free gas source.

## 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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## Disclaimers

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Product Sheet

## ***Oxalobacter formigenes*** **(ATCC® 43053™)**

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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)

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

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