



Product Sheet

# *Shigella flexneri* (ATCC® 25876™)

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: *Shigella flexneri* (ATCC® 25876™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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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:** Mel SmD  
**Deposited Name:** *Shigella flexneri* Castellani and Chalmers  
**Antigenic Properties:** Serotype 2a

## Propagation

### Medium

ATCC® Medium 55: Nutrient agar with dihydrostreptomycin 625 mcg/ml

### Growth Conditions

**Temperature:** 37.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #55 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Incubate the tube at 37°C for 24 to 48 hours.
5. After growth has been achieved, use several drops of the suspension to inoculate an additional broth tube, a #55 agar slant and/or a plate.

## Notes

Growth on solid medium may be slightly delayed on initial subculture. Transfer grown broth culture to additional slants or plates.

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: 2

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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