



Product Sheet

Halobacterium salinarum (ATCC® 43214™)

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: *Halobacterium salinarum* (ATCC® 43214™)

Description

Designation: Delft 9 [NCMB 2152, NCMB 777, NRC 34020]

Deposited Name: *Halobacterium halobium* (Petter) Elazari-Volcani

Propagation

Medium

ATCC® Medium 217: Van Niel's yeast agar with 25% NaCl

Growth Conditions

Temperature: 37.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
 2. Using a single tube of #217 broth, withdraw 0.5 ml and rehydrate the pellet.
 3. Transfer the rehydrated pellet back into the tube of broth. Inoculate #217 slant(s). Best growth occurs if the broth is incubated and under light. Inoculate plate(s) of a non-selective to test for contaminants.
 4. Incubate the tubes and plates at 37°C. Growth takes approximately 7 to 10 days to appear.
- Best growth is obtained in broth when the culture is incubated with vigorous shaking.**

Notes

Growth is indicated by turbidity in the broth and the presence of shiny, entire, smooth, yellow to pale orange colonies on the agar slant. With phase microscopy, cells appear as rods that are motile. The organism stains Gram negative.

This culture can be maintained at room temperature for up to one month.

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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this

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Product Sheet

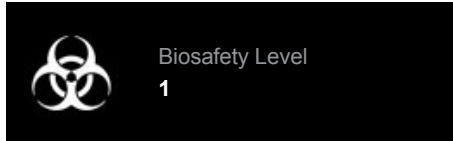
Halobacterium salinarum **(ATCC® 43214™)**

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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