

Product Information Sheet for NR-49091

***Mycobacterium* sp., Strain GL05138
(Deposited as *Mycobacterium guadeloupense*)**

Catalog No. NR-49091

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Mycobacteriaceae*, *Mycobacterium*

Species: *Mycobacterium* sp. (deposited as *Mycobacterium guadeloupense*)

Strain: GL05138

Original Source: *Mycobacterium* sp., strain GL05138 is of unknown origin.¹

Comments: The complete genome of the proposed species *Mycobacterium guadeloupense*, strain GL05138 is currently being sequenced by BEI Resources.

Mycobacterium guadeloupense is the proposed name of a new species of mycobacteria characterized on the basis of one isolate.¹ The proposed name has not yet been published or accepted under the rules of the International Code of Nomenclature of Bacteria (Bacteriological Code).

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Middlebrook 7H9 broth with ADC enrichment supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

NR-49091 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

Media:

Middlebrook 7H9 broth with Middlebrook ADC enrichment or equivalent

Middlebrook 7H10 agar with Middlebrook OADC enrichment or Lowenstein-Jensen agar or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Aerobic with 5% CO₂

Propagation:

1. Keep vial frozen until ready for use; then thaw.

2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tubes and plate at 37°C for 2 to 6 weeks.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Mycobacterium* sp., Strain GL05138 (Deposited as *Mycobacterium guadeloupense*), NR-49091."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Tortoli, E., Personal Communication.

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