



# ***Corynebacterium glutamicum* (Kinoshita et al.) Abe et al.**

**21324™**

## **Description**

**Strain designation:** KY 9111

**Deposited As:** *Corynebacterium glutamicum* (Kinoshita et al.) Abe et al.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 1**

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## **Growth Conditions**

### **Medium:**

ATCC Medium 3: Nutrient agar or nutrient broth

**Temperature:** 30°C

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Corynebacterium glutamicum* (Kinoshita et al.) Abe et al. (ATCC 21324)

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## References

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

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## Revision

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