



Escherichia coli **lambda/phagemid conversion (Cre) kit**

77369™

Description

Kit containing a bacteriophage lambda cDNA cloning vector and a plasmid that expresses Cre recombinase which is necessary to convert the lambda phage to phagemid.

Components:

Vector – lambdaMGU2 (ATCC 77367)

Host – *E. coli* 1046 (pCRE1) (ATCC 77368)

Shipping information: bacteria-free phage lysate

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to

understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Open vial according to instructions. 2. Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 μ L to a test tube containing 5 mL of the recommended media. A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37°C.

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: *Escherichia coli* lambda/phagemid conversion (Cre) kit (ATCC 77369)

References

References and other information relating to this material are available at www.atcc.org.

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Contact Information

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Product Sheet

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