

For life science research only.
Not for use in diagnostic procedures.



DNA, lambda from bacteriophage λ cl857 Sam 7

 **Version: 04**

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Cat. No. 10 745 782 001 1 ml
250 µg/ml

Store the product at –15 to –25°C.

1.	General Information	3
1.1.	Contents	3
1.2.	Storage and Stability	3
	Storage Conditions (Product)	3
1.3.	Application	3
2.	How to Use this Product	3
2.1.	Parameters	3
	Chain Length	3
	Molecular Weight	3
3.	Results	3
	Typical analysis	3
4.	Supplementary Information	4
4.1.	Conventions	4
4.2.	Changes to previous version	4
4.3.	Trademarks	4
4.4.	License Disclaimer	4
4.5.	Regulatory Disclaimer	4
4.6.	Safety Data Sheet	4
4.7.	Contact and Support	4

1. General Information

1.1. Contents

Vial / bottle	Label	Function / description	Content
1	λ -DNA, 5 A ₂₆₀ units	250 µg/ml, in 10 mM Tris-HCl, 1 mM EDTA, pH 8.0 - Ready-to-use solution. 250 µg corresponds to 5 A₂₆₀ units.	1 vial, 1 ml

1.2. Storage and Stability

Storage Conditions (Product)

When stored at –15 to –25°C, the product is stable through the expiry date printed on the label.

Vial / bottle	Label	Storage
1	λ -DNA	Store at –15 to –25°C. Once thawed, store at +2 to +8°C. ⚠ Avoid repeated freezing and thawing.

1.3. Application

λ -DNA is used as one of the standard substrates in restriction enzyme research.

2. How to Use this Product

2.1. Parameters

Chain Length

48,502 bp

Molecular Weight

32,300 kDa

3. Results

Typical analysis

The DNA shows the typical cleavage pattern for wild type λ -DNA in gel electrophoresis after cleavage with restriction endonucleases Eco RI and Hind III.

4. Supplementary Information

4.1. Conventions

To make information consistent and easier to read, the following text conventions and symbols are used in this document to highlight important information:

Text convention and symbols	
 <i>Information Note: Additional information about the current topic or procedure.</i>	
 Important Note: Information critical to the success of the current procedure or use of the product.	
   etc.	Stages in a process that usually occur in the order listed.
   etc.	Steps in a procedure that must be performed in the order listed.
* (Asterisk)	The Asterisk denotes a product available from Roche Diagnostics.

4.2. Changes to previous version

Layout changes.
Editorial changes.

4.3. Trademarks

All product names and trademarks are the property of their respective owners.

4.4. License Disclaimer

For patent license limitations for individual products please refer to:
List of biochemical reagent products.

4.5. Regulatory Disclaimer

For life science research only. Not for use in diagnostic procedures.

4.6. Safety Data Sheet

Please follow the instructions in the Safety Data Sheet (SDS).

4.7. Contact and Support

To ask questions, solve problems, suggest enhancements or report new applications, please visit our **Online Technical Support Site.**

To call, write, fax, or email us, visit **sigma-aldrich.com**, and select your home country. Country-specific contact information will be displayed.

