

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



pBR322 DNA

 **Version: 05**

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Cat. No. 10 481 238 001 200 µl
250 µg/ml

Store the product at –15 to –25°C.

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1. General Information

1.1. Contents

Vial / bottle	Label	Function / description	Content
1	pBR322 DNA, 1 A ₂₆₀ unit	250 µg/ml, in 10 mM Tris-HCl, 1 mM EDTA, pH 8.0 - Ready-to-use solution. 50 µg corresponds to 1 A₂₆₀ unit.	1 vial, 200 µl

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	pBR322 DNA	Store at –15 to –25°C. Once thawed, store at +2 to +8°C. ⚠ Avoid repeated freezing and thawing.

1.3. Application

Select for recombinant DNA. The Pst I and Pvu I cleavage sites in the ampicillin gene, or the Cla I, Hind III, Bam HI, and Sal I sites in the tetracycline gene allow the insertion of foreign DNA fragments and inactivation of one of these genes.

2. How to Use this Product

2.1. Parameters

Chain Length

4,361 bp

Molecular Weight

2,880 kDa

3. Supplementary Information

3.1. 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.

3.2. Changes to previous version

Layout changes.
Editorial changes.

3.3. Trademarks

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

3.4. License Disclaimer

For patent license limitations for individual products please refer to:
List of biochemical reagent products and select the corresponding product catalog.

3.5. Regulatory Disclaimer

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

3.6. Safety Data Sheet

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

3.7. 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

