

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



DNA, MB-grade from fish sperm

 **Version: 19**

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Cat. No. 11 467 140 001 500 mg
50 ml, 10 mg/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	DNA, MB grade	- Ready-to-use solution in 10 mM Tris-HCl, 10 mM NaCl, 1 mM EDTA, pH 8.0. 10 mg/ml concentration.	1 bottle, 500 mg, 50 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	DNA, MB grade	Store at –15 to –25°C. ⚠ Prepare 10 ml aliquots to facilitate freezing and thawing.

1.3. Application

The ready-to-use solution is added directly to the hybridization mix to prevent nonspecific hybridization. It can be used for:

- Membrane blotting, such as Southern and northern blots.
- In situ* DNA hybridization.

i *Addition of NaCl, sonication, or shearing and denaturing are not necessary.*

2. How to Use this Product

2.1. Parameters

Working Concentration

100 µg/ml

Use at a concentration of 100 µg/ml (1:100 dilution) in prehybridization solutions.

3. Additional Information on this Product

3.1. Test Principle

Preparation

The preparation is a DNA sodium salt from cod and herring sperm.

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.

