

KPL Herring Sperm DNA

Sheared and Denatured

Catalog No.

5920-0003 (60-00-14)

Size

40 mg

DESCRIPTION

Biotechnology grade, sheared and denatured, herring sperm DNA is purified using anion exchange and size exclusion chromatography. The DNA is salted out, buffered in TE, pH 8.0, then mechanically sheared through a small gauge needle. The buffered herring sperm DNA is composed of a variety of small pieces which blocks non-specific binding during prehybridization and nucleic acid hybridization.

CONTENTS

KPL Herring Sperm DNA consists of:
2 X 1 mL KPL Herring Sperm DNA @ 20 mg/mL

FORM/STORAGE

Clear and colorless liquid at a concentration of 20 mg/mL. Store at -20°C. Stable for a minimum of 1 year from date of receipt at -20°C.

APPLICATIONS

KPL Herring Sperm DNA is used as a blocking agent in prehybridization and hybridization procedures to minimize non-specific binding of hybridization probe to membranes and *in situ*.

USE

Nucleic Acid Membrane Hybridization:
Add KPL Herring Sperm DNA to the pre-hybridization or hybridization cocktail to a final concentration of 200 µg/mL. Prehybridize and hybridize following standard protocols.

In Situ Hybridization:
Add KPL Herring Sperm DNA to the pre-hybridization or hybridization cocktail to a final concentration of 100 µg/mL. Prehybridize and hybridize following standard protocols.

PRODUCT SAFETY AND HANDLING

This product is considered non-hazardous as defined by the Hazard Communication Standard (29 CFR 910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amounts of water. Product may be disposed via sanitary sewer.

RELATED PRODUCTS

	CAT. NO.
KPL Detector™ HRP Chemiluminescent Blotting Kit	5910-0027 (54-30-00)
KPL Detector™ AP Chemiluminescent Blotting Kit	5910-0029 (54-30-02)
KPL Detector™ PCR DNA Biotinylation Kit	5910-0031 (60-01-01)
KPL Detector Block	5920-0004 (71-83-00)
KPL Biodyne B Nylon Membrane	5960-0025 (60-00-50)
KPL Hybridization Bags	5960-0026 (60-00-51)
KPL 20X SSC	5960-0021 (50-86-05)

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.