

### DNA Kil™

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
DNA Kil™	ML221-100ML	100 ml
	ML221 -250ML	250 ml

### Intended Use

Recommended for removal of DNA contamination from various surfaces.

### Introduction

DNA Kil™ is a ready to use reagent which contains ingredients capable of degrading high levels of DNA contamination from all types of surfaces. The reagent is designed for the prevention of DNA contamination during nucleic acid extraction and various PCR applications. It can be spray on work surfaces, lab equipments, plastic and glass vessels, PCR tubes, Microcentrifuge tubes, pipettors etc.

### Application

1. For cleaning of glasswares and plasticwares
2. For cleaning work areas
3. Cleaning pipettors
4. For cleaning lab equipment

### Properties

Appearance	: Colorless solution
Clarity	: Clear and free of particles
DNase & RNase	: None detected
Suitability Test	: This reagent has been tested and is suitable for removal of DNA contamination from various surfaces

### Storage conditions

Store DNA Kil™ solution at room temperature (15-25°C). Stable for 24 months from the date of manufacture.

### Types of Specimen

Glasswares, Plasticwares, work areas, pipettes, equipment.

### Procedure

#### 1. For cleaning of glasswares and plasticwares

Spray the DNA Kil™ solution onto the glasswares and plasticwares. Swirl to ensure that DNA Kil™ solution comes in contact with all surfaces. Discard DNA Kil™ solution and rinse with Distilled water 2-3 times. Allow to air dry.

## 2. For cleaning work areas

Apply DNA Kil™ solution directly to the surface to be used. Wipe the surface with clean autoclaved tissue or clean paper towel. Rinse twice with Distilled water and wipe dry with clean paper towel.

## 3. Cleaning pipettors

Remove shaft, gaskets and seal from the pipettor and spray DNA Kil™ solution on the parts of pipettors. Rinse thoroughly with Distilled water, allow to dry and then reassemble the pipette or directly apply the DNA Kil™ reagent on pipettors. Rinse thoroughly with Distilled water and wipe dry with clean paper towel.

## 4. For cleaning Lab equipment

Apply DNA Kil™ solution liberally to a paper towel and wipe all exposed surfaces thoroughly. Rinse with Distilled water and allow to dry.

### Quality Control

#### To check the efficacy of DNA Kil™ reagent at removing DNA from microcentrifuge tubes.

1. Take two microcentrifuge tubes and label them as Blank and Test.
2. Add 0.6 µg of DNA in both the tubes.
3. To the Blank tube add 50 µl of Distilled water and to the Test tube add 50 µl of DNA Kil™ reagent.
4. Briefly vortex and give a short spin to the tubes.
5. Incubate at Room temperature for 5-10 minutes.
6. Load both the samples on 1% Agarose gel stained with Ethidium bromide.
7. Electrophorese and observe the gel under UV light.

Type of tube	Visibility on gel
Blank	DNA bands observed
Test	No DNA bands observed

### Warning and Precautions

Not for Medicinal Use. Read the procedure carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

### Performance and Evaluation

Performance of the reagent is expected when the reagent is used as per the protocol mentioned in the product insert within the expiry period when stored at recommended temperature.

### Safety Information

The DNA Kil™ contains irritants. Take appropriate laboratory safety measures and wear gloves when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.









## Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed off in accordance with current laboratory techniques.

## Technical Assistance:

At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail to [mb@himedialabs.com](mailto:mb@himedialabs.com).

## Symbol

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIML221

Rev No.: 01

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## Disclaimer :

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