

PCR Cleaner™

核酸气溶胶污染清除剂

LEMNIS CARE™
LemnisCare Medical Technology
请仔细阅读说明书并按规范使用
LS-SX03-1812-5001

产品简介

本品是一种专门去除表面核酸污染物的喷雾剂，可有效降解核酸分子，使用方便且效果明显，适用于 PCR 实验室、PCR 设备及耗材等。

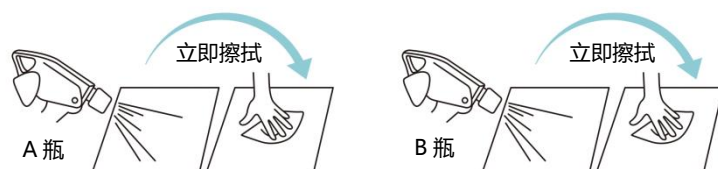
产品成分

本品由表面活性剂和非碱性的非致癌物组成，对人体无毒无害。主要成分包括水、乙氧基化合物。

作用原理

PCR_Cleaner 是一种非碱性、无腐蚀性的核酸去除溶液，具有与表面活性剂十分相似的理化性质，如化学稳定性和耐热性。主要原理是在溶液中有效组分的联合作用下，改变吸附在仪器和实验台表面的核酸的电荷分布，促进核酸脱离被吸附表面，然后再结合擦拭过程中产生的剪切力进一步使得污染核酸从吸附表面解离出来，进入 PCR_Cleaner 试剂体系中，从而达到去除表面核酸污染的效果。另外，PCR_Cleaner 可在常温条件下非酶水解核酸链，达到去除污染的效果。

操作说明



第一步：用 A 瓶在目标表面喷涂 3 次，无需等待，立即用干净的纸巾擦拭。
第二步：用 B 瓶在目标表面喷涂 3 次，无需等待，立即用干净的纸巾擦拭。

注意事项

在处理试剂时应佩戴安全眼镜和一次性手套；本品可用于玻璃，陶瓷，塑料，橡胶，钢和金属；避免在电动分配器或天平电子设备上使用本品。

常见问题

1. 试剂会不会影响正常实验？答：不影响实验正常进行。
2. 是否易燃易爆？答：非可燃性且非易爆物质，请放心运输、存储。
3. 不慎吞服或眼睛接触该如何处理？答：吞服后大量饮水、冲洗眼睛，及时送医。
4. 不知道实验室有没有被污染，如何检测？答：可使用朗司核酸纯化试剂盒在冰箱门把手、冷冻架或实验台面、离心机等取样后进行 PCR 检测。

保存条件

室温，避免阳光直射，有效期 1 年。

产品规格

货号	产品名称	产品规格
PCN01-0500	核酸气溶胶污染清除剂 (PCR Cleaner)	A 瓶：500 mL；B 瓶：500 mL



PCR Cleaner™

Against DNA/RNA residue

LEMNISCARE™
LemnisCare Medical Technology
Please follow the instruction
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Product Introduction

PCR Cleaner is a spray that specifically removes surface nucleic acid contaminants. It can effectively degrade nucleic acid molecules. It is easy to use and has obvious effects. It is suitable for PCR laboratories, PCR equipment and consumables.

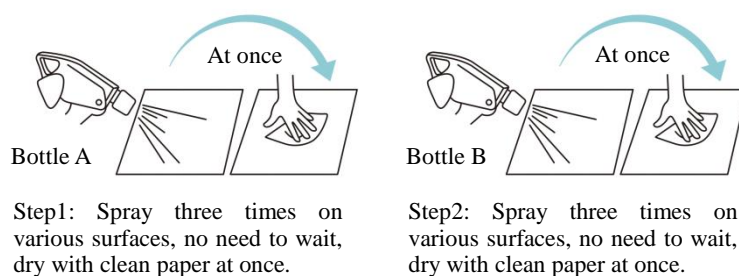
Main Ingredients

The solution consists of a surfactant and a non-alkaline non-carcinogen, which is non-toxic and harmless to the human body. The main components include water, ethoxylates.

Function Principles

The main principle is to change the charge distribution of the nucleic acid adsorbed on the surface of the instrument and the test bench under the combined action of the effective components in the solution, to promote the detachment of the nucleic acid from the adsorbed surface, and then further combine the shear force generated during the wiping process to further contaminate the nucleic acid. Dissociated from the adsorption surface and entered the PCR Cleaner reagent system to achieve the effect of removing surface nucleic acid contamination. PCR Cleaner can non-enzymatically hydrolyze nucleic acid strands under normal temperature conditions to achieve the effect of decontamination.

Operation Instructions



Precautions

Wear safety glasses and disposable gloves when handling reagents; This product can be used in glass, ceramics, plastics, rubber, steel and metals; Avoid using PCR Cleaner on electronic devices, such as electric dispensers or balance.

FAQs

Q1: Will the reagent affect the normal experiment? A1: Does not affect the normal experiment.

Q2: What should I do if I accidentally swallow or touch my eyes? A2: After swallowing, drink plenty of water, rinse your eyes, and see a doctor in time.

Q3: I don't know if the laboratory is polluted. How to detect it? A3: You can use our nucleic acid purification kit to perform PCR detection after sampling on the refrigerator door handle, freezer frame, or test bench, centrifuge.

Q4: Is it flammable and explosive? A4: Non-inflammable and non-explosive substances, please feel free to transport and store.

Storage & Term of validity

Room temperature, avoid direct sunlight, valid for 12 months.

Product Specifications

Cat. No.	Product Name	产品规格
PCN01-0500	PCR Cleaner	Bottle A: 500 mL; Bottle B: 500 mL

