

# Highly Effective and Easy Decontamination



PCR Clean™

Spray & Wipes to remove DNA, DNases, RNA, and RNases contamination from any PCR work station by quick and effective degradation.

# PCR Clean™ Spray & Wipes

## Background

Contaminant DNA, DNases, RNA, and RNases are especially problematic in the highly sensitive PCR technique, as its removal has been proven to be no trivial matter. Originating from aerosolized fragments, contaminant DNA and RNA can lead to cross contamination between samples thus resulting in inaccurate data, false-positive results or PCR artefacts. A single DNA or RNA molecule can be detected in the amplification process leading to widespread problems throughout the testing procedure and interpretation of results. Even in experienced labs, contaminations with DNA/RNA might occur from time to time. Unfortunately, DNA/RNA spilled from samples, PCR tubes, pipette tips, or attached to pipettes and other lab equipment will not be noticed unless a contamination is found in PCR. DNA is sustainable and cannot be destroyed by usual disinfection reagents like ethanol.

## Features

PCR Clean™ is a ready-to-use solution for eliminating DNA, DNases, RNA, and RNases from surfaces with the exception of light or non-ferrous metals. DNA and RNA are completely destroyed and removed within seconds. The solution contains a surfactant and a non-alkaline and non-carcinogenic DNA/RNA and enzymes destroying agent. PCR Clean™ is intended for use at PCR work stations, lab devices, pipettors, etc. to effectively remove amplicon, plasmid, genomic DNA and RNA.

The use of PCR Clean™ both before and after PCR analysis is fast, easy and ideal to maintain a clean work area and thereby saves time and expenses. It is essential to avoid any DNA contamination on lab equipment and any kind of surfaces by using the effective PCR Clean™ before and after PCR analysis - for preventing lab personnel from contamination risks and for getting safe results.

## Recommended Use

- Spray PCR Clean™ on the surfaces, let soak for 1 minute, wipe with a clean paper towel, and rinse with clean water.
- Use PCR Clean™ Wipes for the treatment of lab devices.

Applicable in research and industry only. Not recommended for clinical applications. Use as directed. PCR Clean™ is suitable for glass, ceramic, plastic, rubber, steel and precious metal. PCR Clean™ is not suitable for cleaning light or non ferrous metals . To avoid damage or discoloration, it is recommended to spot test sensitive surfaces prior to use.

## Kit Components

Ready-to-use formulation in a spray bottle or refill bottles.

Wipes in a dispenser.

## Shelf Life and Storage

Stable at room temperature for at least 12 months.

## Required Consumables

Paper towels.

## Required lab devices

None.

## Package Sizes

Cat. No. 15-2025	250 ml spray bottle
Cat. No. 15-2200	4 x 500 ml refill bottles
Cat. No. 15-2500	5 l
Cat. No. 15-2001	120 wipes in a dispenser
Cat. No. 15-2002	5 refill bags with 120 wipes, each



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