

PCR Clean™

Decontamination reagent for DNA and RNA removal

Background

The presence of contaminant DNA and RNA in molecular biology laboratories, especially PCR workstations, can result in PCR artifacts, false positive results and inaccurate data. Removal of nucleic acid contaminations has proven to be no trivial matter, as DNA contaminations are particularly sustainable. PCR Clean™ is a ready-to-use solution for the removal of nucleic acids from most surfaces at PCR workstations and/or lab devices and equipment. This cleansing solution contains a surfactant and a non-alkaline and non-carcinogenic agent, and is highly active against plasmid, genomic and amplicon DNA and RNA contaminations.

PCR Clean™ is stable and heat resistant. PCR Clean™ should be stored at room temperature. At lower temperatures a precipitate might occur which can be resolved easily at 37°C. Storage for up to 2 weeks at 65 °C does not reduce the quality of the product.

Protection and Precaution Information

Eye contact and prolonged skin contact with PCR Clean™ may cause irritation. Therefore, safety glasses and disposable gloves should be worn while handling the reagent.

PCR Clean™ can be applied onto glass, ceramic, plastic, rubber, steel and precious metal. PCR Clean™ should not be used for the cleaning of light metal or non-ferrous metals. Do not use PCR Clean™ spray on electronic devices, like powered dispenser, or pipettes (see below for details).

Instructions for Use

For the decontamination of smooth, non-porous **surfaces** spray PCR Clean™ directly on the surface, let soak for 1 minute and dry with a paper towel. Then rinse thoroughly with clean water and dry with a clean paper towel. For coated or sensitive surfaces, we recommend to spot test prior to use to avoid damage or discoloration.

Contamination of **pipettes** may occur even while using filtered tips. For decontamination, follow the manufacturer's instructions and remove the shaft from the pipette. Remove seals and gaskets from the shaft. Soak the shaft for 1 minute in PCR Clean™, rinse thoroughly with clean water, dry and reassemble.

For decontamination of **electronic laboratory devices**, we recommend our PCR Clean™ Wipes (Cat. No. 15-2001 and 15-2002).

Composition: < 2 % phosphoric acid, < 0.2 % ethoxylated alcohols, purified water

Catalog numbers: 15-2025 (250 ml Spray)
15-2200 (4 x 500 ml Refill)
15-2500 (5 litre Refill)

Germany:
Minerva Biolabs GmbH
Schkopauer Ring 13 | D-12681 Berlin | Germany
Tel.: +49-30-2000437-0 | Fax: +49-30-2000437-9
E-mail: order@minerva-biolabs.com
Internet: www.minerva-biolabs.com

USA / Canada:
Minerva Biolabs Inc.
1 Jill Ct., Building 16, Unit 10
Hillsborough | NJ 08844 | USA
Phone: 1-908-524-4661
order@minervabiolabs.us | www.minervabiolabs.us