

Technical Data Sheet

denaX uncolored

for molecular biology

Order number: 1118

denaX uncolored is a ready-to-use decontamination spray for fast elimination of contaminant nucleic acids, RNases, and DNases from surfaces¹.

Contaminating DNA and RNA molecules from aerosols can be very stable and are often the cause of cross-contamination between PCR samples. However, not only contaminating nucleic acids have an influence on PCR results. Contamination with nucleic acid-degrading enzymes (DNases/RNases) can also quickly lead to false and misleading results and thus endanger entire PCR test series. Decontamination of the PCR workstation is therefore a recommended routine when handling DNA and RNA samples.

denaX uncolored effectively removes genomic DNA, amplicon DNA, plasmids, RNA, RNases, and DNases from laboratory surfaces (such as glass, ceramic, plastic, rubber, steel and precious metal). The application of denaX uncolored is fast and easy and ensures a clean workspace and reliable PCR results.

Application

denaX uncolored is intended for effective decontamination of benches, pipettors, PCR workstations, lab devices², etc. to assure a clean working environment during nucleic acid isolation and PCR analysis. We recommend applying denaX uncolored both before and after the handling of nucleic acids.

Decontamination of working area (bench, laminary flow)

1. Spray on the potentially contaminated surface^{1,2} (make sure the surfaces completely moistened),
2. Wait for 1 minute,
3. Wipe it off with a paper towel and
4. Rinse with DNA-free water.

For coated or sensitive surfaces, we recommend to spot test prior to use to avoid damage or discoloration. The procedure is the same as for working areas.

¹ denaX uncolored cannot be used for the cleaning of light (e.g., aluminium) or non-ferrous metals. To avoid damage or discoloration, it is recommended to spot test sensitive surfaces prior to use.

²For smooth and non-porous surfaces. Do not spray on electronic devices. For decontamination of electronic devices use a denaX-soaked tissue and make sure only suitable surfaces are treated.



Decontamination of pipettes

Contamination of pipettes may even occur while using filtered tips. For the decontamination follow the manufacturer's instructions and remove the shaft from the pipette.

1. Remove seals and gaskets from the shaft.
2. Soak the shaft for 1 minute in denaX uncolored
3. rinse thoroughly with clean water
4. dry and reassemble.

Handling: The denaX solution is non-alkaline and non-carcinogenic. Eye contact and prolonged contact of denaX uncolored with skin may cause irritation. Therefore, safety glasses and disposable gloves should be worn while handling the reagent.

Storage

denaX uncolored is heat resistant and stable at room temperature for many years. At lower temperatures a precipitate might occur which can be resolved easily at 37°C.

Related products

1254	Ethidium bromide - Solution 0.07 % dropping bottle for electrophoresis
1110	Agarose Basic for biochemistry
1530	DNA Ladder 100 bp (lyophilized) for molecular biology
1531	DNA Ladder 1 kp (lyophilized) for molecular biology
1133	dsDNA-Stain nontoX for molecular biology
1018	SYBR Green® staining reagent, DNA free for biochemistry
1303	TBE buffer (10X) for electrophoresis
1255	TAE buffer (50X) for electrophoresis
1058	Water for molecular biology
1159	Water PCR tested, DNA-free for molecular biology

