RNase/DNase Decontaminant

CAT No. APL-1089

DESCRIPTION

RNase/DNase Decontaminant is a non-alkaline, non-corrosive and non-carcinogenic cleaning solution which is highly active against nuclease contamination. In addition, RNase/DNase Decontaminant can effectively degrade Ethidium Bromide (EtBr) as quickly as 5 minutes in non-fluorescent and non-mutagenic environments. The solution contains a surfactant plus an agent that destroys RNase/DNase activity and degrades EtBr. RNase/DNase Decontaminant has been demonstrated to inactivate greater than 20 µg of RNase A dried powder onto the bottom of a microcentrifuge tube. RNase/DNase Decontaminant is stable and heat resistant. Storage at 65°C for 2 weeks will not reduce the quality of the product.

CONTENT

	APL-1089
RNase/DNase Decontaminant	500 mL

STORAGE

RNase/DNase Decontaminant should be stored at room temperature; at lower temperature, a precipitate may form which is easily brought into solution at 37°C.

APPLICATION

RNase/DNase Decontaminant is ready-to-use for eliminating Nuclease and EtBr from any surface including the interior of microcentrifuge tubes. By following the simple decontamination protocol below, RNase and DNase is completely inactivated and removed.

PROTOCOL

To decontaminate pipette

Following manufacturers' instructions; remove the shaft from the pipette and then remove seals and gaskets from the shaft. Spray the shaft and stand for one minute in RNase/DNase Decontaminant, rinse the shaft thoroughly with water, let dry and assemble.

To decontaminate laboratory surface

Spray RNase/DNase Decontaminant directly to the lab surface. Wipe thoroughly with a paper towel, rinse with water and dry with a clean paper towel.

To decontaminate laboratory apparatus

Generously apply RNase/DNase Decontaminant to a paper towel and wipe all exposed surfaces of the apparatus thoroughly. Rinse with water and dry with a clean paper towel. To clean small parts, briefly soak them in RNase/DNase Decontaminant, rinse with water and dry.

To decontaminate plastic and glass vessel

Spray RNase/DNase Decontaminant to enable coating the entire surface of the vessel or electrophoresis tank by swirling. Discard the solution and rinse vessels thoroughly two times with distilled water.

NOTES: Prolonged contact of RNase/DNase Decontaminant with skin may cause irritation; therefore, gloves should always be worn.

PRODUCT USE LIMITATION

Research use only.