

Datasheet

RNase/DNase Neutralizer**Decontamination Solution for RNase and DNase**

Product	Description	Catalogue-No.	Size
RNase/DNase Neutralizer	Solution for eliminating RNase/DNase contamination	P10-61500 P10-61000 P10-65000C	500 ml 1000 ml 5 L

Product description

RNase/DNase Neutralizer is a decontamination solution designed to completely eliminate RNase and DNase contamination from various labware and surfaces. It effectively removes even high levels of contaminants from glassware, single-use devices like reaction vessels, culture dishes, pipette tips, and microtiter plates. RNase/DNase Neutralizer is also thoroughly tested for use on work surfaces, including lab benches and laminar flow hoods, providing reliable and comprehensive protection for laboratory environment.

Storage conditions

Storage conditions: RT, protected from light

Filling: 500 ml, 1000 ml, 5 L, other sizes on request

Composition

RNase/DNase Neutralizer is formulated with an optimized mixture of substances, each specifically chosen for its effectiveness against nucleases. This carefully selected combination of components ensures maximum activity and efficiency in inhibiting nucleases.

Special Advantages

The use of DNA- and RNA-based pharmaceuticals is becoming an increasingly important research area for treating various diseases and developing vaccines. These innovative therapies and vaccines rely heavily on the purity and integrity of their nucleic acid components, making it essential to eliminate contamination from degrading enzymes like DNases and RNases to ensure their effectiveness and safety. RNase/DNase Neutralizer provides immediate and effective decontamination, even against high concentrations of RNase and DNase, ensuring optimal protection.

Instructions for Use

Wear gloves as prolonged contact with skin may cause irritation. Refer to MSDS for full safety information.

Do not dilute the formulation as this will reduce its effectiveness. Avoid storage below room temperature as precipitation may occur at lower temperatures.

If precipitates or turbidity occur, warm the solution to 37 °C and shake until clear. This will not affect its effectiveness.

Surfaces: Apply solution directly to the surface and wipe thoroughly with a paper towel. Rinse the surface with water and then dry it completely. Short application time (approx. 1 min) is recommended.

Laboratory equipment: Apply RNase/DNase Neutralizer generously to a paper towel and thoroughly wipe all exposed surfaces. Short application time (approx. 1 min) is recommended. After cleaning, rinse the surfaces with water and dry them completely. For certain parts, soaking in RNase/DNase

Neutralizer may be effective; ensure you rinse with water and dry thoroughly afterward to remove any residues.

Single-use devices: Coat vessel, so that the entire surface is covered with decontamination solution. Short application time (approx. 1 min) is recommended. Discard the solution and rinse thoroughly at least two times with RNase/DNase-free water.

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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