

Nuclease Decontamination Solution

A reactive solution that permanently inactivates RNases and DNases

Nuclease Decontamination Solution (cat # 11-05-01-01 or 11-05-03-01) is provided as a 1X solution and will lose some effectiveness if diluted. Decontamination is rapid and only brief exposure is necessary.

Recommended storage conditions: room temperature (20–25°C). If allowed to freeze, we recommend gentle shaking or brief heating at 42°C to clarify the solution before use. The solution has a shelf life of one year.

1. Wear gloves and protective eyewear when decontaminating labware or surfaces to protect yourself from Nuclease Decontamination Solution and also to prevent re-contamination by fingertip nucleases.
2. Apply Nuclease Decontamination Solution directly to labware or surfaces.
 - Lab surfaces, glassware, electrophoresis plates, etc., are most easily decontaminated by wiping with Nuclease Decontamination Solution on a paper towel.
 - If using an aerosol spray device to apply Nuclease Decontamination Solution, always perform decontamination in a fume hood.
 - Pipette shafts or other similar equipment can be directly soaked in Nuclease Decontamination Solution.
3. Following decontamination, thoroughly rinse surfaces with Nuclease-Free Water (cat # 11-05-01-14 or 11-05-02-02).

Important: To prevent accidental re-contamination, always wear gloves when handling decontaminated labware or surfaces.

Warning: Do not inhale or ingest Nuclease Decontamination Solution. If accidental exposure occurs, rinse exposed skin or mucous membranes with excess water. Medical attention is recommended if irritation persists.

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