PATHq

PATHOGEN ANALYSIS THROUGH
HIGH-QUALITY QPCR

SAFETY DATA SHEET (SDS)

# PATHq Nuclease – Free Water

REAGENT CODE

**WATER-001**

Component of the PATHq
*Serratia marcescens* Real-Time PCR Kit

KIT CODE

**PATHq-SMA-001**

# SECTION 1
## Identification of the substance/mixture and of the undertaking

PRODUCT NAME:
**PATHq Nuclease - Free Water**

PRODUCT CODE:
WATER-001

COMPONENT OF:
PATHq Serratia marcescens Real-Time PCR Kit

KIT CODE:
PATHq-SMA-001

PRODUCT TYPE:
Mixture

INTENDED USE
Component of the PATHq *Serratia marcescens* Real-Time PCR Kit intended for laboratory use in qualitative Real-Time PCR applications.
Use restrictions: For Research Use Only (RUO). Not for use in diagnostic procedures.

SUPPLIER:
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# SECTION 2
## Hazard identification

Classification (CLP Regulation (EC) No 1272/2008):
This mixture is not classified as hazardous.

LABEL ELEMENTS:
No hazard pictograms required.
No signal word required.
No hazard statements required.
This product does not contain substances classified as PBT or vPvB.

# SECTION 3
## Composition / information on ingredients

MIXTURE DESCRIPTION: Purified nuclease free-water.
HAZARDOUS COMPONENTS: This product does not contain substances classified as hazardous at reportable concentrations.

## SECTION 4
## First aid measures

SKIN CONTACT: Wash with water.
EYE CONTACT: Rinse cautiously with water for several minutes.
INGESTION: Not expected to present a hazard under normal laboratory conditions.
INHALATION: Not expected to be hazardous.
GENERAL ADVICE: If symptoms occur, seek medical advice.

## SECTION 5
## Firefighting measures

SUITABLE EXTINGUISHING MEDIA: Water spray, $CO_2$, foam, dry chemical.
SPECIFIC HAZARDS: No specific hazards known.
PROTECTIVE EQUIPMENT: Use standard protective equipment for chemical fires.

## SECTION 6
## Accidental release measures

Personal precautions: Wear appropriate personal protective equipment (gloves, lab coat, eye protection).
Environmental precautions: Avoid release to drains where possible.
Clean-up methods: Absorb with inert material and dispose according to local regulations.

## SECTION 7
## Handling and storage

HANDLING:
Follow good laboratory practices.
Avoid contact with skin and eyes.

STORAGE:
Store at −20 ± 5 °C.
Avoid repeated freeze-thaw cycles.

## SECTION 8
## Exposure controls / personal protection

ENGINEERING CONTROLS:
No specific requirements under normal laboratory use.

PPE:
- Protective Gloves
- Lab coat
- Eye protection

HYGIENE:
Wash hands after handling.

## SECTION 9
## Physical and chemical properties

PHYSICAL state: Liquid
COLOUR: Colourless
ODOUR: None
pH: No data available

## SECTION 10
## Stability and reactivity

STABILITY: Stable under recommended conditions.
REACTIVITY: No known hazardous reactions.
AVOID: Repeated freeze-thaw cycles.

## SECTION 11
## Toxicological information

No known acute or chronic toxic effects under normal conditions of laboratory use.

## SECTION 12
## Ecological information

No known environmental hazards.

## SECTION 13
## Disposal considerations

Dispose of contents and container in accordance with local regulations for laboratory waste.

## SECTION 14
## Transport information

Not classified as hazardous for transport.

## SECTION 15
## Regulatory information

This product complies with Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP).

## SECTION 16
## Other information

PCR-grade nuclease-free water intended for molecular biology applications.
Research Use Only (RUO). Not for use in diagnostic procedures.

PATHq

Version: V01 - Date: 08/2026

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**Safety Data Sheet (SDS)**
**PATHq Nuclease - Free Water**

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