PATHq

PATHOGEN ANALYSIS THROUGH
HIGH-QUALITY QPCR

SAFETY DATA SHEET (SDS)

PATHq Positive Control – *Klebsiella* spp.

REAGENT CODE

PC-KLB-001

Component of the PATHq
Klebsiella spp. Real-Time PCR Kit

KIT CODE

PATHq-KLB-001

PATHq

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

PRODUCT NAME:
PATHq Positive Control - *Klebsiella* spp.

PRODUCT CODE:
PC-KLB-001

COMPONENT OF:
PATHq *Klebsiella* spp. Real-Time PCR Kit

KIT CODE:
PATHq-KLB-001

PRODUCT TYPE:
Mixture

INTENDED USE
Component of the PATHq *Klebsiella* spp. 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.
This product does not contain substances classified as PBT or vPvB.

SECTION 3
Composition / information on ingredients

MIXTURE DESCRIPTION: Aqueous buffered solution containing synthetic DNA corresponding to the target sequence of *Klebsiella spp.*, with stabilizing agents.

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 appropriately.

SECTION 7
Handling and storage

HANDLING:
Handle with care to avoid contamination of laboratory environment.
Avoid aerosol generation.
Do not open reaction vessels after amplification.

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

This document provides guidance for safe handling under laboratory conditions.
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Safety Data Sheet (SDS)
PATHq Positive Control - *Klebsiella* spp.

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