

## DESCRIPTION

Identification of viable bacterial DNA with qPCR is an important issue for monitoring food and water safety without dead bacterial DNA contamination since the dead bacterial may induce an overestimation of living microorganisms, and results in false-positive results.

Tribioscience Dead Bacterial DNA Eraser Buffer provides an effective and simple method to deplete the dead bacterial DNA and free DNA in the samples. It is enough for 200 sample preparation.

## APPLICATIONS

- Elimination of dead bacterial DNA contamination in viable bacterial DNA detections.

## KIT CONTENTS

Composition	Volume
Dead Bacterial DNA Eraser	2.0 mL

## STORAGE CONDITIONS

The kit is shipped on blue ice, and should be stored at -20°C for long-term storage. Shelf life of 12 months after receipt.

## SUGGESTED PROTOCOL

1. Add 10 µl Dead Bacterial DNA Eraser to 100 µl bacterial sample enrichment, mix gently.
2. Incubate at 37°C for 30 minutes.
3. Inactivation: Incubate at 90°C in heating block for 10 min.
4. Cool down into ice.
5. Spin down the solution in the tube bottom.
6. The treated sample can be used for DNA extraction with an appropriate method. We recommend using Microbial DNA magnetic Method for DNA isolation (TBS60029).

## RELATED PRODUCTS

TBS6025: Microbial DNA Magnetic Extraction  
TBS42018: Trichothecene-producing Fusarium Species TaqProbe qPCR Detection  
TBS42019: Fusarium Species qPCR Detection  
TBS42021: Aspergillus Flavus qPCR  
TBS42022: Aspergillus Fumigatus qPCR  
TBS42023: Aspergillus Niger qPCR  
TBS42024: Aspergillus Terreus qPCR  
TBS42025: 4-In-1 Aspergillus qPCR  
TBS42026: O157H7 E. Coli qPCR  
TBS42027: STEC qPCR  
TBS42028: Salmonella qPCR  
TBS42029: STEC and Salmonella Multiple qPCR  
TBS42030: Mycoplasma Detection qPCR  
TBS42031: Listeria Monocytogenes qPCR  
TBS42032: Listeria Genus qPCR  
TBS42033: Bacillus Cereus qPCR  
TBS42043: Bacillus Species qPCR  
TBS42050: Staphylococcus- Pseudomonas qPCR  
TBS42051: E. coli – Salmonella qPCR