

Specification

One-step kit designed for the extraction/purification of DNA contained in samples with moderate or low levels of PCR inhibitors.

Presentation

Kit for 100 purifications
Bottle 30 ml
with: 30 ± 2 ml

Packaging Details

1 box with 1 bottle 30 ml, tag labelled, plastic cap.

Shelf Life

12 months

Storage

2-8 °C

Composition

Reagents

Quick Reagent

Identification

Lysis Buffer

Content

1 x 30 ml

Description /Technique

Description:

Extraction and purification kit for the rapid obtaining of genomic DNA, without the need for enzymatic digestions, phenol/chloroform or separation columns.

The samples contained in a microtube are subjected to thermal lysis in the absence of chaotropic agents but with a combination of resins that retain different organic molecules and ions, which could affect the quality of the DNA. Moreover, the reagent buffer contains neutralizing PCR inhibitors with high molecular weight (i.e humic acids) non removed by the resins.

This product is compatible with a viability PCR procedure.

Technique:

Follow the kit's instructions.

Each laboratory must evaluate the results according to specifications.

Proceed according to directives and regulations.

Quality control

Control PCR

S. enterica ATCC 13076 qPCR detection

Test

qPCR Ct (0.2 ml, O.D 1)
Internal Control Signal (Ct)
Negative Control Signal (Ct)
pH Reagent

Specification

17-19
28-32
No signal
8,0 ± 0,2

Sterility control

Add 5ml of the sample to 100 ml of TSB and to 100 ml Thioglycollate.

Check at 7 days after incubation in same conditions.

Bibliography

uQuick DNA purification Kit Instruction