

Datasheet for ABIN5519593

EasyPure® Bacteria Genomic DNA Kit

Overview

Quantity: 50 reactions

Application: Polymerase Chain Reaction (PCR), Restriction Digest (RD)

Product Details

Purpose: EasyPure® Bacteria Genomic DNA Kit uses lysozyme and moderate lysis buffer to lyse cells.

Brand: EasyPure®

Characteristics: Proteinase K is used for protein digestion and RNase A used for RNA digestion. DNA is specifically bound to silica-based column in hypersaline condition, and DNA is eluted by low salt and high pH solution. This kit is suitable for isolating high quality genomic DNA from Gram-positive and Gram-negative bacteria. The isolated DNA is suitable for PCR, restriction enzyme digestion, and Southern blot.

- Fast: the whole process can be completed in 50 minutes.
- High yield: DNA yield up to 20 µg.

Components: Resuspension Buffer 11 (RB11), Lysis Buffer 11 (LB11), Binding Buffer 11 (BB11), Clean Buffer 11 (CB11), Wash Buffer 11 (WB11), Elution Buffer (EB), RNase A (10 mg/mL), Genomic Spin Columns with Collection Tubes

Application Details

Application Notes: PCR, restriction enzyme digestion, and Southern blot.

Restrictions: For Research Use only

Handling

Storage: RT/-20 °C

Storage Comment: RNase A and Proteinase K solutions at -20°C for one year, others at room temperature for one year

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)