

## Product Datasheet

# Vazyme - FastPure Blood/Cell/Tissue/Bacteria DNA Isolation Mini Kit (DC112-01)

**Description**

This kit is suitable for extracting genomic DNA from  $\leq 200 \mu\text{l}$  of fresh or frozen anticoagulated whole blood,  $< 25 \text{ mg}$  of animal tissues,  $< 5 \times 10^6$  of cultured cells and  $< 3 \times 10^9$  cultured bacterial samples. The kit is based on silica gel column purification technology that eliminates the need for extraction using phenol/chloroform organic solvents or time-consuming alcohol precipitation step. With this kit, RNA, proteins, lipids and other inhibitory impurities can be removed at the greatest extent. The DNA obtained can be directly used in PCR, qPCR, enzyme digestion and virus detection.

**Storage**

Store at  $15 \sim 25^\circ\text{C}$  and transport at room temperature. If ambient temperatures often exceed  $25^\circ\text{C}$ , we suggest storing Proteinase K at  $2 \sim 8^\circ\text{C}$ .

**Note**

For research use only

**Application notes**

High quality and good integrity: The extracted DNA has the characteristics of high yield, good purity and complete fragments  
Wide sample applicability: Suitable for direct extraction of DNA from fresh or frozen anticoagulated blood, cells, animal tissues and bacteria samples  
Simple and efficient: Extraction from animal tissue can be completed rapidly in 30 min

**Expiration Date**

12 months from date of receipt.

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