

Blood DNA Mini Kit



Blood DNA Mini Kit (<1ml)

50 Preps, 200 Preps

The blood sample contains a large number of red blood cells and platelet cells, which makes blood processing more troublesome, and the purity and quantity of blood genomic DNA purified by conventional methods is low. The kit uses Foregene Protease Plus and unique BL1 and BL2 buffer systems, so anticoagulated blood and coagulated blood samples can be completely digested in a short time, thereby minimizing DNA degradation and obtaining the maximum amount of genomic DNA. The fast blood processing system and simple spin column operation greatly simplify the purification of blood genome, and high-quality and high-purity genomic DNA can be obtained within 40 minutes.

The DNA-only silica gel membrane used in the spin column of the kit is Foregene's unique new material, which can efficiently and specifically bind DNA, and can remove RNA, impurity proteins, ions and other organic compounds in cells to the greatest extent. The maximum capacity of the spin column is 80 µg DNA. The obtained DNA can be used in molecular biology experiments, such as restriction digestion, PCR, Southern hybridization and DNA library construction.



PRODUCT INTRODUCTION



Blood DNA Mini Kit (<1ml)

50 Preps, 100 Preps



Product components

- ◆ Buffer BL1 , Buffer BL2, Buffer DC
- ◆ Buffer PW, Buffer WB1, Buffer EB
- ◆ DNA-Only Column
- ◆ Instructions

Ordering information

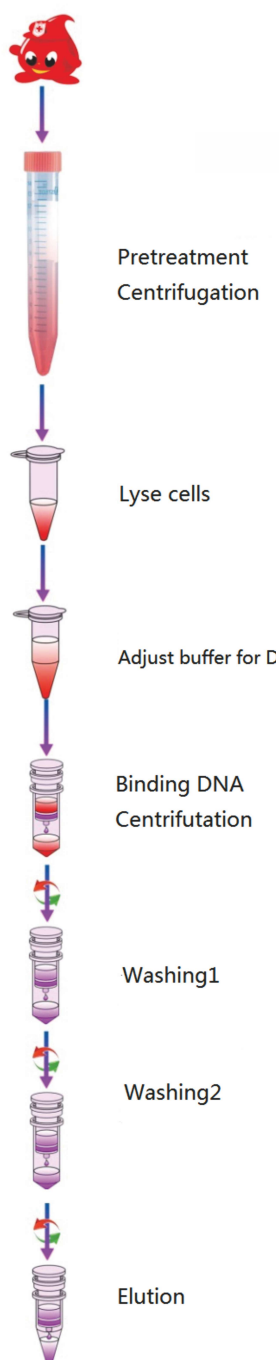
Product Name	Specifications	Ref No.	Description
Blood DNA mini Kit (<1ml)	50T	DE-05111	Quickly purify high-quality genomic DNA from anticoagulated blood (<1ml)
	100T	DE-05112	

PRODUCT INTRODUCTION

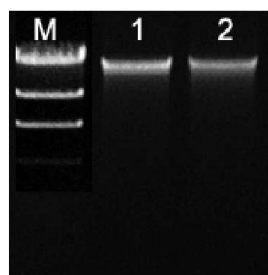


FOREGENE

Operation process



**Diagram*



M: λ DNA/HindIII Marker

L1 : Anticoagulant blood (extraction time: 45min)

L2 : Blood clot (extraction time: 55min)

Genomic DNA gel electrophoresis profile of mouse blood samples

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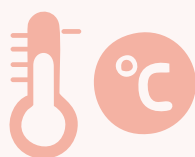
PRODUCT INTRODUCTION



III Features&advantages

- △ *No RNase contamination: The DNA-Only Column provided in the kit makes it possible to remove RNA from genomic DNA without additional RNase during the experiment, thereby preventing the laboratory from being contaminated by exogenous RNase.*
- △ *Fast speed: Foregene Protease has higher activity than similar proteases and digests tissue samples faster;*
- △ *Simple: the genomic DNA purification operation can be completed in 50 minutes.*
- △ *Convenient: The centrifugation is performed at room temperature, 4°C centrifugation and ethanol precipitation of DNA is not required.*
- △ *Safety: no organic reagent is used.*
- △ *High quality: The purified genomic DNA has large fragments, no RNA, no RNase, and extremely low ion content, which can meet the requirements of various experiments.*

III Preservation conditions



-The kit can be stored for 12 months at room temperature (15-25°C),
or 2-8°C for longer time.

III Product application

**Blood DNA mini Kit (<1ml):*

It is suitable for extraction and purification of genomic DNA from fresh or frozen anticoagulated whole blood.

COMPANY PROFILE



Foregene is specialized in the IVD kits and the lab reagents products ,which is integrated in R&D, manufacturing and marketing together. Foregene has the world's leading Direct PCR platform.The main products include various IVD kits, nucleic acid purification reagents,PCR and Direct PCR reagents,Genotyping kits, etc. The technology and product performance indicators used are all leading the world status,widely applied in hospitals, institutions, medical laboratories, etc.



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