



Certificate of Analysis

PRODUCT: *EasyPure*[®] Blood Genomic DNA Kit

CAT. NO.
EE121

AMOUNT
2*50 rxns

LOT NUMBER
O41110

SHELF LIFE
One year

STORAGE CONDITIONS

At room temperature (15-25°C) in a dry place for one year; RNase A at -20°C for two years.

SHIPPING CONDITIONS

RNase A on dry ice (-70 °C); others at room temperature.

DESCRIPTION

EasyPure[®] Blood Genomic DNA Kit provides a simple and convenient way to isolate high quality genomic DNA from 5-250 µl of fresh or frozen blood. Whole blood is incubated with binding/lysis buffer to release DNA. DNA is bound to silica-based column. The isolated DNA is suitable for PCR, restriction enzyme digestion and Southern blot.

- Simple and fast, red cell lysis buffer is no longer needed.
- Complete removal of contaminants and inhibitors.
- DNA yield up to 40 µg.
- Column based purification, no organic extraction or ethanol precipitation.
- Suitable for EDTA, sodium citrate and heparin-anticoagulated fresh or frozen blood in a volume of 5 to 250 µl.

PACKAGE CONTENTS

Component	EE121-01 (50 rxns)	EE121-02 (200 rxns)
	EE121-11 (50 rxns)	EE121-12 (200 rxns)
Building Buffer 3 (BB3)	30ml	110ml
Clean Buffer 3 (CB3)	6ml	24ml
Wash Buffer 3 (WB3)	12ml	2×22ml
Elution Buffer (EB)	25ml	80ml
RNase A (20 mg/ml)	500 µl (EE121-01)	2×1 ml (EE121-02)
	0 (EE121-11)	0 (EE121-12)
Proteinase K (20 mg/ml)	1ml	4×1 ml
Genomic Spin Columns with Collection Tubes	50 each	200 each

Notice to Purchaser



QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	Each liquid component is clear without precipitates or floccules, and the colors of components in this batch show no significant difference from that of the control batch.	Met standards
Blood Genomic DNA Extraction	1. Genomic DNA can be effectively extracted from blood sample.	Met standards
	2. The concentration and purity of DNA extracted by this batch of products are consistent or comparable with that of the control batch (tested by agarose gel electrophoresis and OD quantification).	Met standards



Notice to Purchaser

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses. If you have any further questions about this Certificate of Analysis, please contact us at +86-10-57815027 or +86-400-898-0321.

TransGen Biotech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of TransGen Biotech Co., Ltd.

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A handwritten signature in black ink that reads "Heng Zheng".

Manager, Quality Control Department

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