



94733

## BioLit Whole Blood DNA Extraction Mini Kit (Research)

Part E

### Specifications

Activity

The kit is designed for the rapid and efficient purification of high quality genomic DNA from whole blood Protocol is designed to give highly pure DNA

Purity

Buffer formulations were optimised for high isolation efficiency and DNA purity Evaluated by agarose gel electrophoresis

Optimisation

Evaluation

### Other Information

Description

Whole Blood DNA extraction kit provides a fast, easy method to purify Genomic DNA for downstream processes. Genomic DNA can be purified from the whole blood that is treated with anticoagulants other than heparin. The kit combines the selective binding properties of silica gel-based membrane, with the speed of microspin. The sample is lysed under highly denaturing conditions, to ensure release of intact DNA. Buffering conditions are adjusted to provide optimum binding of the DNA to the column and the sample is loaded on to a spin column. DNA binds to the membrane and the contaminants are efficiently washed away using two different wash buffers. High quality pure DNA is eluted in a special buffer, ready for immediate use or storage.

Includes

Components	25 Extractions	50 Extractions
Spin Column with Collection tubes	25 Nos	50 Nos
Collection Tubes ( 2ml)	50Nos	100 Nos
Micro-Centrifuge Tube (1.5ml)	25 Nos	50 Nos
Lysis Buffer	3.0 ml	6.0 ml
Binding Buffer	13 ml	26 ml
RNAse A (10mg/ml)	5.0 ml	10 ml
Proteinase K	12.5 mg	25 mg
Proteinase K Dilution Buffer	0.625 ml	1.25 ml
Wash Buffer 1 ( Concentrate)	10 ml	20 ml
Wash Buffer 2 ( Concentrate)	6.25 ml	12.5 ml
Elution Buffer	5 ml	10 ml

## General Information

Storage	2 to 8°C (Refrigerate)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
25 Extractions	38229090 (GST 12%)
50 Extractions	38229090 (GST 12%)

## Available Packages

- 25 Extractions
- 50 Extractions

### Disclaimer

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