

# E.Z.N.A.® Forensic DNA Kit



## Specifications

For Research Use Only. Not for use in diagnostic procedures.

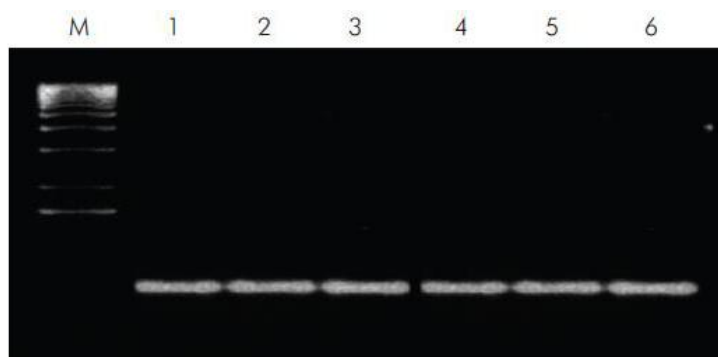
Features	Specifications
Starting Material	Dry blood, buccal swabs, and semen samples; mouse tail snips, whole blood, buffy coat, serum, and plasma
Elution Volume	100 µL
Technology	HiBind® DNA Mini Column
Processing Mode	Manual
Throughput	1-24

## Overview

The E.Z.N.A.® Forensic DNA Kit is designed to provide a rapid and easy method for the isolation of genomic DNA from forensic samples such as dry blood, buccal swabs, and semen samples for consistent PCR and Southern analysis. This kit can also be used for the preparation of genomic DNA from mouse tail snips, whole blood, buffy coat, serum, and plasma. This kit can process single or multiple samples simultaneously. There is no need for phenol/chloroform extractions and time-consuming steps such as precipitation with isopropanol or ethanol are eliminated. DNA purified using the E.Z.N.A.® Forensic DNA Kit is ready for applications such as PCR\*, Southern blotting, and restriction enzyme digestion.

## Product Data

DNA purified from forensic blood sample by E.Z.N.A.® Forensic DNA Kit performed successful PCR reactions.



**Figure 1. Amplification of genomic DNA isolated from dried blood samples using the E.Z.N.A.® Forensic DNA Kit.** Punches were taken from blood samples stored on OBI Specimen Collection paper for 1 year. A total of 5 µL of each eluate was amplified with a PCR mastermix and β-actin primers (819 bp) to determine whether inhibitors were present in the eluted DNA. PCR products were run on 1% agarose gel.

Cat. No.	Description	UOM
ES52314-5	Forensic DNA Kit, 5 preps	Each
ES52314-50	Forensic DNA Kit, 50 preps	Each
ES52314-200	Forensic DNA Kit, 200 preps	Each