

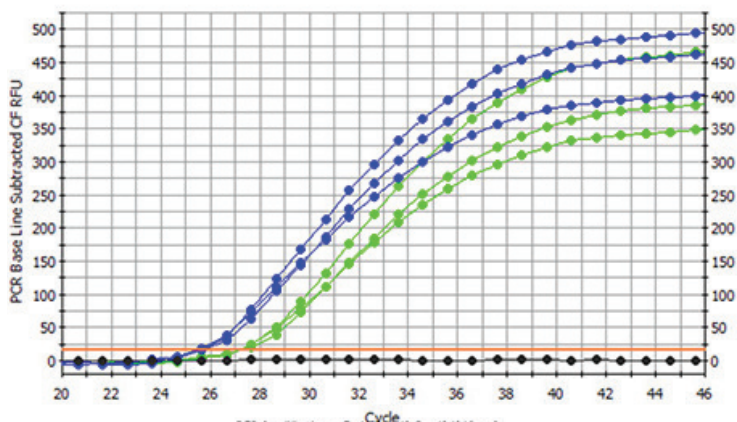
# Dried Blood Spot (DBS) DNA Isolation Kit



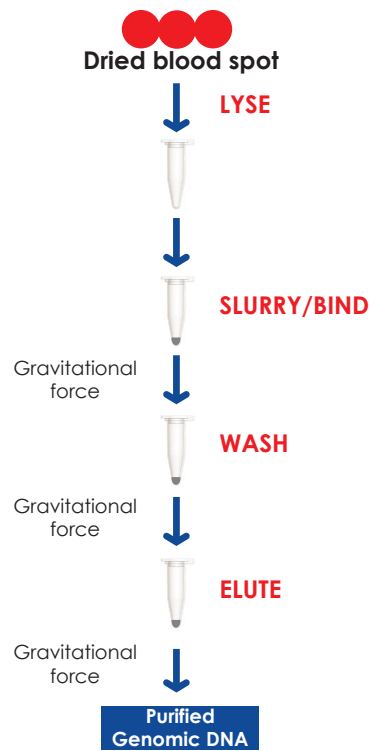
Rapid preparation of total genomic DNA from dried blood spots



- ✓ High quality DNA, free from RNA contamination
- ✓ Isolate genomic DNA from anticoagulated and untreated blood
- ✓ Rapid and convenient spin column procedure
- ✓ Isolate DNA from inputs as low as 20  $\mu$ L



**Figure 1. Purified DNA can be Amplified in a Real-time PCR (TaqMan) Reaction.** DNA was isolated from 3 x 3 mm diameter circles per sample using Norgen's Dried Blood Spot DNA Isolation Kit. Next, 3  $\mu$ L (green line) & 9  $\mu$ L (blue line) of the DNA from each of the 150  $\mu$ L elutions was used in a real-time PCR reaction (total reaction volume of 20  $\mu$ L) with GAPDH TaqMan probe and primers. The real-time PCR was successful in amplifying the GAPDH gene, indicating that the DNA is of a high quality and can be used in sensitive downstream applications. The black line is a no-template control.



Simple protocol that can be performed without a centrifuge

v5.0

## Ordering information

Description	Size	Cat. Number
Dried Blood Spot (DBS) DNA Isolation Kit	50 preps	36000

