

# FFPE DNA Purification Kit

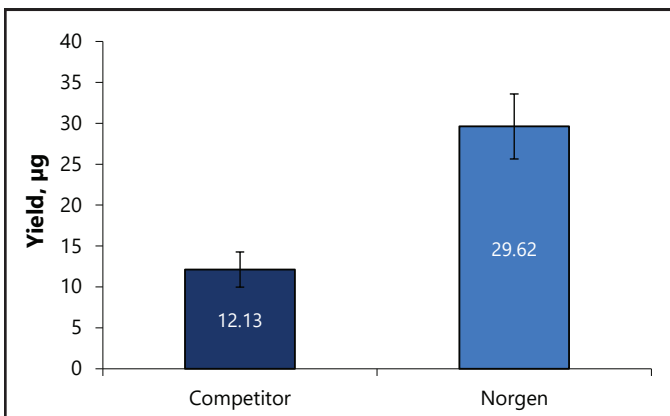


Rapid and efficient extraction and purification of DNA from FFPE samples



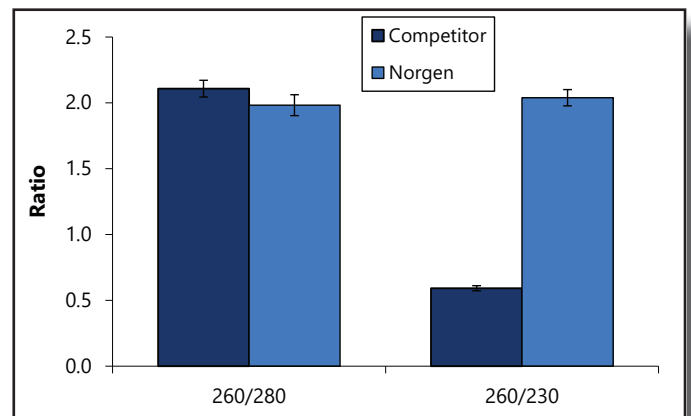
- ✓ Fast and easy processing using rapid and convenient spin-columns
- ✓ Isolate high quality and high yield DNA
- ✓ DNA is free of inhibitors and ready for downstream use including SNP (single nucleotide polymorphism) and short-tandem repeat (STR) genotyping

## Excellent Total DNA Yield



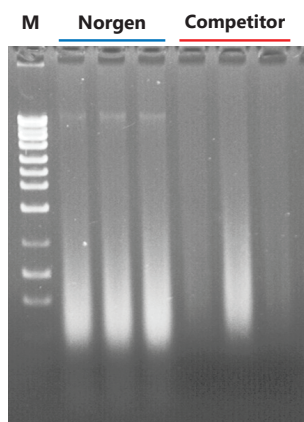
**Figure 1. Comparison of Total DNA Yield Isolated by Norgen's FFPE DNA Kit and a Leading Competitor FFPE DNA Purification Kit.** DNA was isolated from 10 mg of FFPE kidney blocks. DNA concentrations were measured using the NanoVue spectrophotometer (GE Healthcare). Norgen's kit was found to have a much higher DNA yield, compared to the competitor kit.

## Higher Quality DNA



**Figure 2. Comparison of DNA Quality Isolated by Norgen's FFPE DNA Kit and a Leading Competitor FFPE DNA Purification Kit.** DNA was isolated from 10 mg of FFPE kidney blocks. Quality was assessed using A260:A280 and A260:A230 ratios generated from the NanoVue spectrophotometer (GE Healthcare). While Norgen and the competitor kit were found to have similar A260:A280 ratios, Norgen was found to have a much higher A260:A230 ratio, indicating higher quality DNA.

## Higher Total DNA



**Figure 3. Comparison of Total DNA Yield Isolated by Norgen's FFPE DNA Kit and a Leading Competitor FFPE DNA Purification Kit.** DNA was isolated from 10 mg of FFPE kidney blocks. DNA concentrations were measured using the NanoVue spectrophotometer (GE Healthcare). Norgen's kit was found to have a much higher DNA yield, compared to the competitor kit.

## High Integrity DNA Enabling:

qPCR

SNP Analysis

Mutation Screening

Southern Blotting

Microarrays

High Density PCR



### About this kit

This kit provides a rapid method for the isolation and purification of DNA from formalin-fixed paraffin-embedded (FFPE) tissue samples. Using formalin to fix tissues leads to crosslinking of the nucleic acids and proteins, and the process of embedding the tissue samples can also lead to fragmentation of the nucleic acids over time. Norgen's FFPE DNA Purification Kit provides conditions that allow for the partial reversing of the formalin modifications, resulting in a high quality and yield of nucleic acids. The purified DNA is of high yield and integrity and is free of inhibitors, ready for use in a number of downstream applications including qPCR, mutation screening, microarray analysis, sequencing, single nucleotide polymorphism (SNP) and short-tandem repeat (STR) genotyping. The protocol can be completed in as little as 1 hour.

### Ordering information

Description	Size	Cat. Number
FFPE DNA Purification Kit	50 preps	47400
FFPE RNA Purification Kit	50 preps	25300
FFPE RNA Purification 96-Well Kit	2 x 96-well plates	25400
FFPE RNA/DNA Purification Plus Kit	50 preps	54300

v2.0

