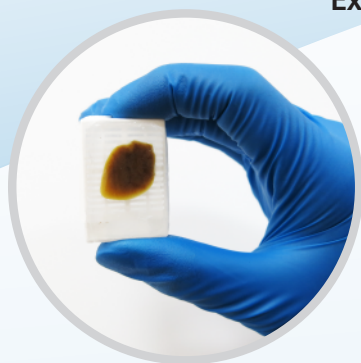


# AccuPure FFPE Tissue DNA Mini Kit



For automated extraction on iColumn 12/24 System



## Extract the hidden treasure of your FFPE samples

Billion of Formalin-Fixed, Paraffin-Embedded (FFPE) tissue samples are lie in hospitals and bio-banks world wide. To decipher genetic codes inside of these treasure-trove, the very first step is to extract nucleic acid of it.

However, this preservation method of tissue is originally for pathological sections observed under microscope, instead of molecular diagnostic. Nucleic acids inside of FFPE samples are always fragmented and cross-linked with other substrate inside of cell.

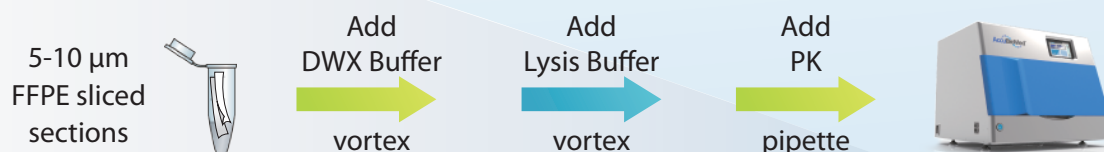
Therefore, it's difficult to extract pure and intact nucleic for following applications. In addition, it's a tedious and time consuming work from deparaffinization, decrosslinking to lysis and extraction. Here we bring a fully automated extraction solution for your FFPE samples.

## FEATURES

- NGS Grade DNA/RNA for wide application
- Non-organic de-waxing Buffer
- Reduce hands on time from 3 hr to 15 min
- Fully automated from Deparaffination to Elution
- Able to separate liquid lysate with tissue debris



## WORKFLOW

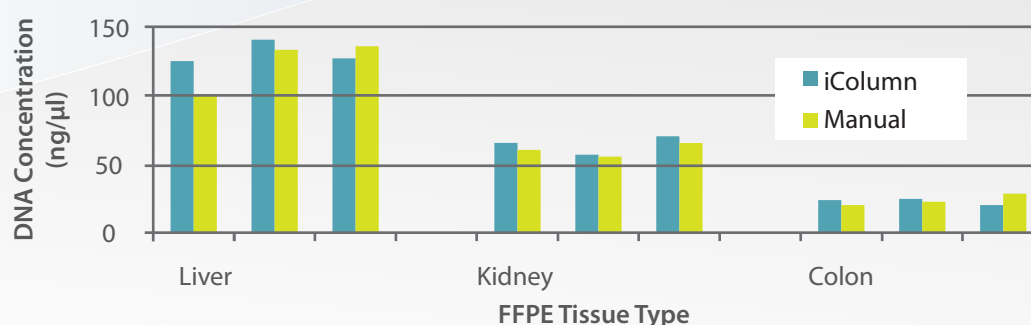


## SPECIFICATION

AccuPure FFPE Tissue DNA Mini Kit (D22096)	
Sample type	5-10 µm FFPE sliced sections (up to 5 sections)
Elution volume	50 µl
Method	Column based
System	For iColumn 12/24 System
Applications	1.Cancer Diagnosis 2.Biomarker searching 3.PCR, QPCR, MASS

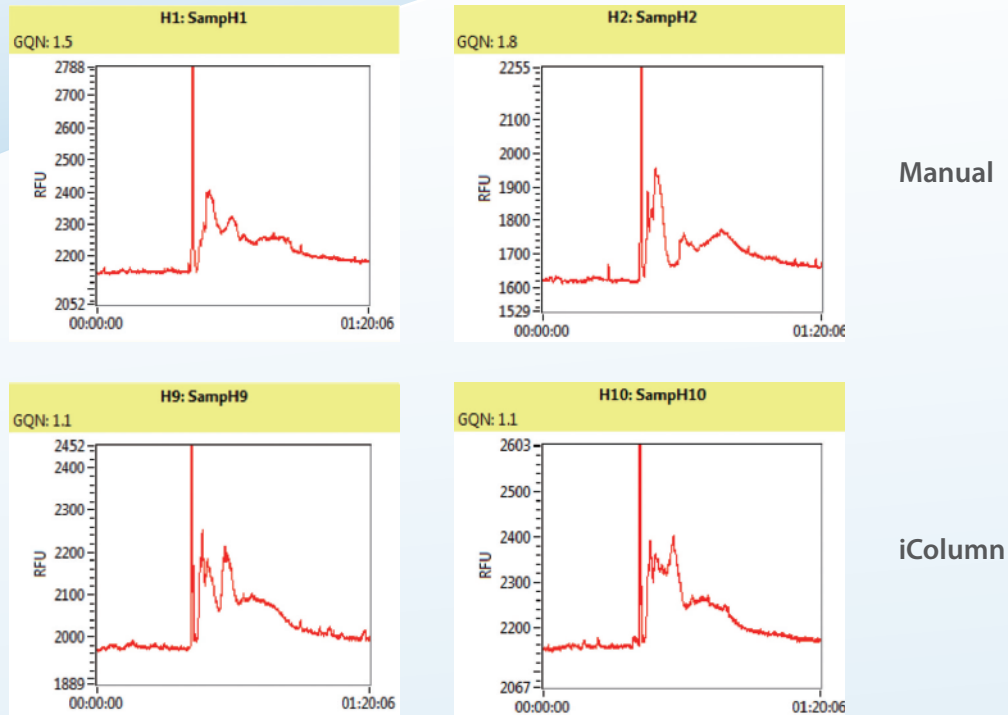
## PERFORMANCE

- High Yield- Quantity comparison by spectrophotometer



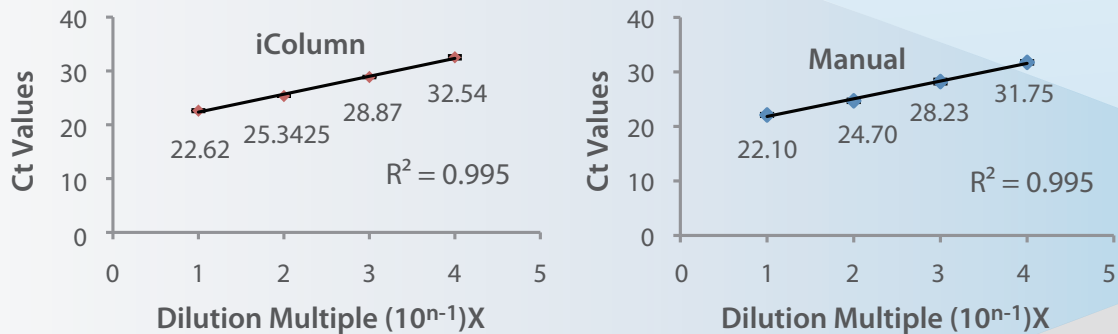
## PERFORMANCE

- High Integrity - Quality comparison by capillary electrophoresis



FFPE tissue DNA can be purified by iColumn Purification System with less fragment damage. Purified DNA size of iColumn and manual purification were distributed on the same range in the figure.

- High Purity - Purity Comparison by QPCR



Using manual and iColumn purification system could obtain pure DNA, which can be used immediately on QPCR without inhibition.

## ORDERING INFORMATION

Product	Cat. No.
AccuPure FFPE Tissue DNA Mini Kit (96 rxn)	D22096
iColumn 12 Automated DNA/RNA Purification System	ABM1012
iColumn 24 Automated DNA/RNA Purification System	ABM1024