



Cell Data Sciences DNASTorm™ FFPE Kit

High Quality and Efficient FFPE DNA Extraction

DNASTorm™ Advantages

- Reduced DNA damage
- Removal of chemical modifications and adducts
- Higher yields of amplifiable DNA
- Simple workflow
- Best solution for next-generation sequencing

CAT5™ Catalytic Technology

- Proprietary chemical catalysts remove formaldehyde crosslinking and modifications
- Effective: higher yields than using only heat-based methods
- Higher quality DNA with less fragmentation

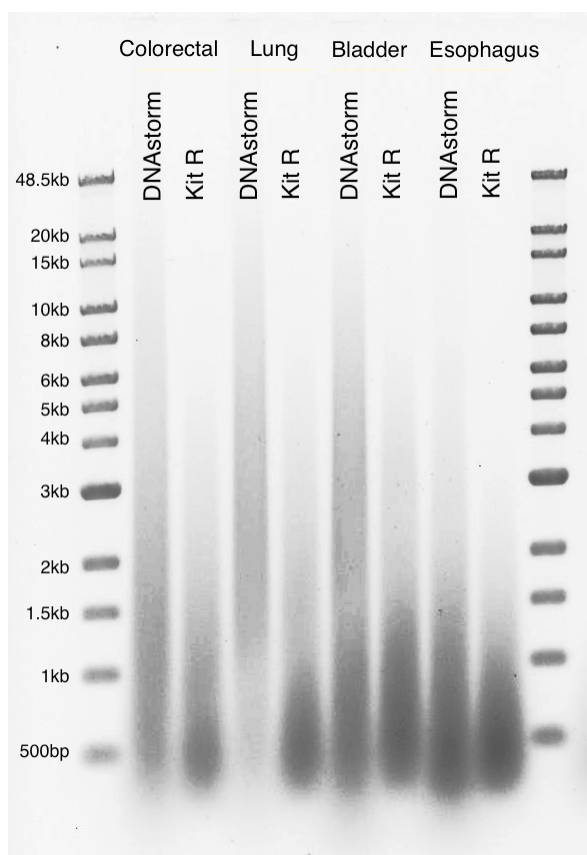


Figure 1. Pulsed-field gel of DNA extracted from FFPE cancer tissues. "Kit R" represents a competitive commercial DNA FFPE extraction kit. Significant improvements in average DNA size are seen using the DNASTorm™ Kit.

Applications	NGS, PCR, qPCR
Kit format	Manual (20/50 spin columns)
RNase treatment	Included
Input sample	Formalin-fixed samples (1-4 sections, 5-10 μ m each)
Isolation time	45 minutes hands-on time (6 hours total)
Kit contents	CAT5™ Lysis Buffer Binding Buffer Wash Buffer Deparaffinization Reagent Proteinase K RNase A Spin Columns

References:

Karmakar et al., Organocatalytic Reversal of Formaldehyde Adducts of RNA and DNA Bases, Nature Chemistry 2015, 7, 752-758; doi:10.1038/nchem.2307

Ordering Information

Catalog No.: CD502 (50 reactions)
CD202 (20 reactions)



CELLDATA

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