

truXTRAC® FFPE SMART Solutions

High-quality Analytes for Reliable Downstream Analysis

Covaris truXTRAC FFPE SMART Solutions offer a scalable approach to deparaffinization, extraction, and purification of both DNA and RNA from FFPE samples in an automation-friendly, highly adaptable workflow. Utilizing the power of focused ultrasonication with Adaptive Focused Acoustics® (AFA®) Technology, this workflow requires no toxic organic solvents or harmful chemicals and is an ideal solution for those who are:

- Interested in starting the transition from a manual workflow to a more robust, semi-automated workflow
- Ready to fully automate their FFPE workflow from deparaffinization through purification



**Optimized
Chemistry**



**Customized
Automation**



Covaris truXTRAC FFPE SMART Solutions provide:

- Complete tissue rehydration and emulsification of paraffin from FFPE samples for optimal recovery
- Improved de-crosslinking of DNA from proteins
- Co-extraction of high-quality DNA and RNA from the same sample
- Flexible batch sizes (16/24/48/96 samples) and throughput to suit all labs
- Full sample traceability and reduced risk of cross-contamination with integrated RFID
- No degradation from toxic organic solvents or harsh chemicals

Automate Your Workflows with truXTRAC

Comprehensive Solutions

Easy, all-in-one solutions for deparaffinization, extraction and purification

Active Paraffin Removal with AFA®

Safe rehydration and retrieval of DNA and RNA from precious samples

Reproducible Results

High-quality DNA and RNA for reliable analysis

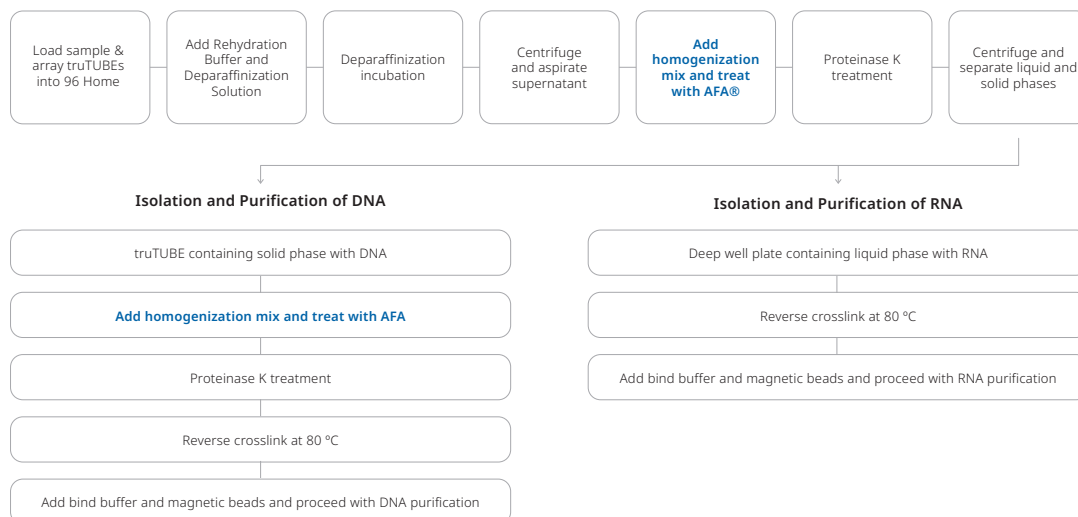
Time and Cost Savings

Efficient sample processing for reduced input requirements and faster turnaround time

truXTRAC FFPE SMART Solutions

Deparaffinization and Extraction Workflow for DNA and RNA

- Robust, reliable assays for every lab & user, every time
- High yield & quality of DNA/RNA from the same sample with lower input requirements
- Scalable for diverse throughput requirements



High Quality and Yield of DNA and RNA with Automated or Manual Workflows

Testing performed utilizing truXTRAC FFPE tNA Auto 96 Kit, Manual 96 Kit, and Competitor Kit

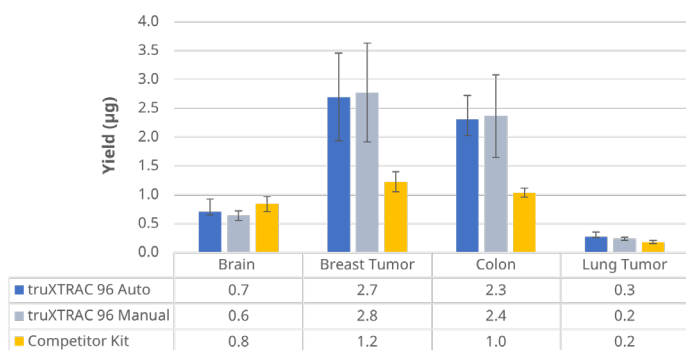


Figure 1. DNA Yield (Qubit).

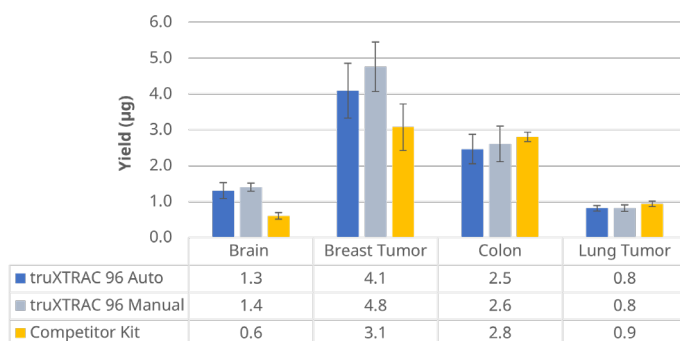


Figure 2. RNA Yield (Qubit).

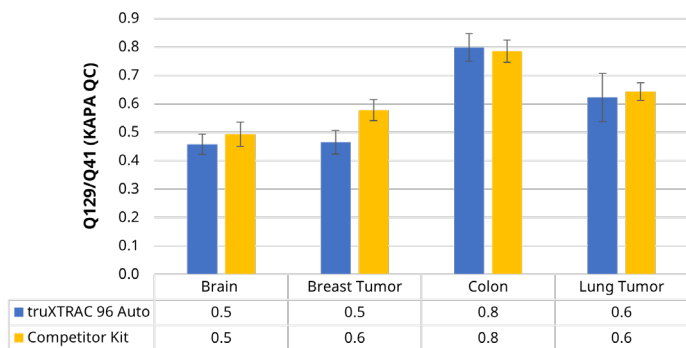


Figure 3. DNA KAPA QC (129/41 Ratio @ 1 ng input).

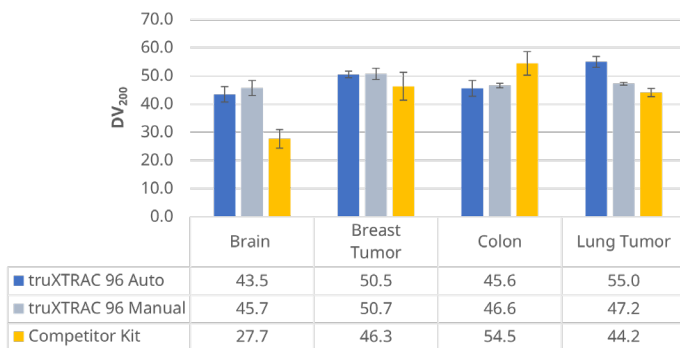


Figure 4. RNA DV₂₀₀ Scores (Bioanalyzer).

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