



RE-THINK FFPE RNA SAMPLE PREP

Extract High Quality, Fusion and Long Transcript
RNA for Optimal Sequencing Results

HIGHER DV₂₀₀ SCORES

Direct correlation between
DV₂₀₀ and success of RNA
sequencing results

EQUIVALENT QUALITY TO FRESH, FROZEN TISSUE

High yield and quality
using Adaptive
Focused Acoustics®
(AFA®)

LOWER QNS RATES

Achieve higher yield
and quality even with
low sample input

AUTOMATION- FRIENDLY

Simplified high-throughput
solutions for FFPE sample
preparation

Superior RNA Extraction from FFPE Tissue Samples



truXTRAC FFPE Total Nucleic Acid Kit
(Bead and column purification options available)

- High gene fusion detection and NGS pass rates
- Low quantity not sufficient (QNS) rates
- Higher molecular weight distribution with the mean >200 nt
- RNA, DNA, or both simultaneously
- Reduced turn-around-time
- Various input amounts

LE220R-plus Focused-ultrasonicator



- Accurate, reproducible, and robust sample preparation powered by Adaptive Focused Acoustics (AFA) technology
- Designed for integration with high throughput laboratory automation with no water adjustment necessary
- User-defined scheduling for system set-up maximizes laboratory efficiency
- Only compatible with Covaris consumables

References

- High RNA DV200 Scores, Shawn Levy, HudsonAlpha, AGBT 2019
- Low QNS Results and High NGS pass rates, Sean Glenn, OmniSeq, ASHG 2018
- High Nucleic Acid Yield and Gene Fusion Detection, Kresse et al., Oslo University Hospital, PLOS One 2018
- Whole-genome sequencing in the clinic using FFPE samples, Robbe, et al., GENETICS in MEDICINE, October 2018
- Illumina Technical Note “Evaluating RNA Quality from FFPE Samples”

For More Information, Contact Covaris Today