

# truXTRAC® cfDNA

## Simple, Active Extraction of NGS-grade cfDNA from Plasma

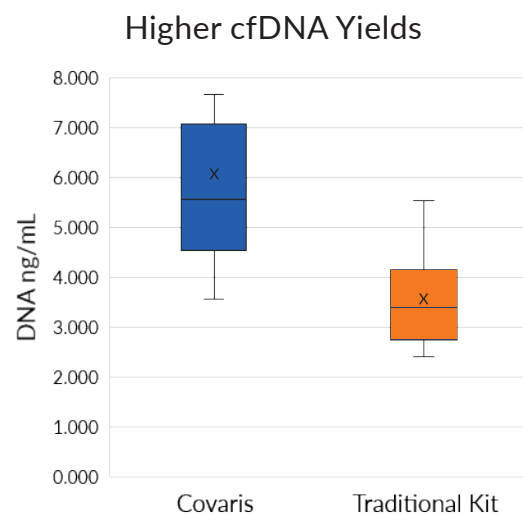
- **Higher cfDNA yields and quality** with Active Extraction
- **Simplified workflow** to enable fast turnaround times and high throughput implementation
- **Reduced extraction bias** – cfDNA profile in the original plasma sample is reflected in the extracted and purified sample
- **Reduced variability** with standardized cfDNA extraction

### How is truXTRAC cfDNA extraction different?

Active Extraction is powered by Adaptive Focused Acoustics® (AFA®)

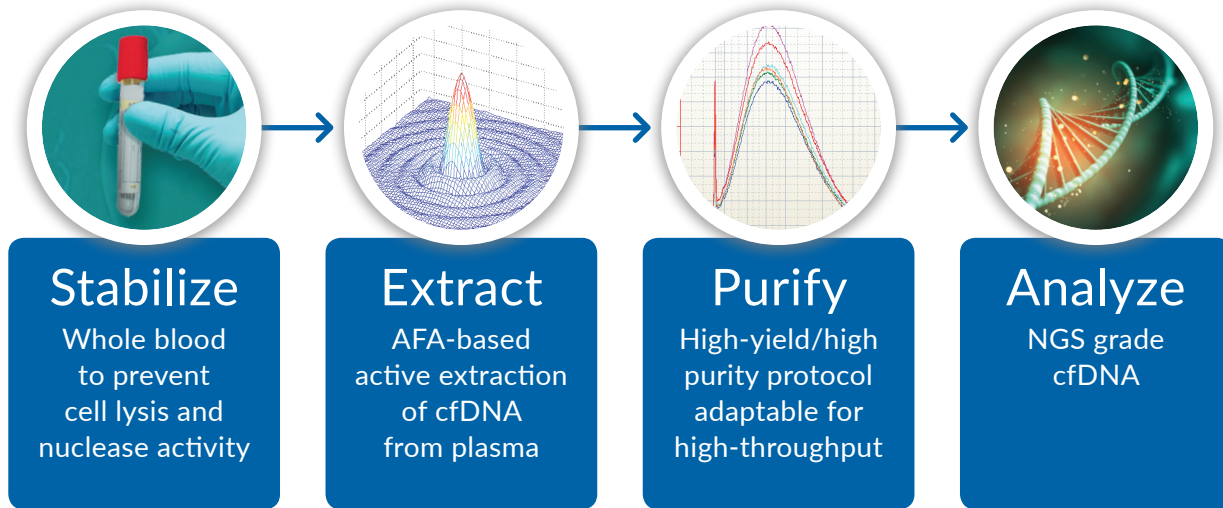
#### Active Extraction Benefits

- Dissociates cfDNA from histones, proteins, and extracellular debris
- 70% higher yields than traditional kits
- Lower plasma volume required for downstream assays



**Figure 1.** cfDNA was extracted from EDTA plasma from 10 donors using truXTRAC cfDNA and a competing column-based purification kit. Yields were determined by Qubit and the box plot displays yields across ten donors. "X" indicates mean values.

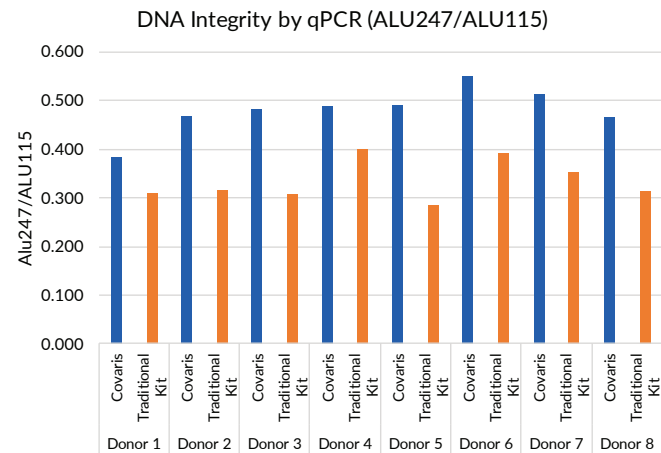
## Simple Workflow to Process 1 - 4 mLs of Plasma



### Active Extraction Benefits

- No change in profile between plasma and extracted cfDNA
- ALU247/ALU115 ratio reflects increased complexity of extracted cfDNA

### Higher DNA Integrity Index



**Figure 2.** DNA integrity index as determined by qPCR (Alu247/Alu115 amplification ratios) from cfDNA isolated from EDTA Plasma using truXTRAC cfDNA kit compared to a traditional column-based kit.

### PRODUCT INFORMATION

Part #	Product Name	Description
520221	truXTRAC cfDNA Kit – Magnetic Bead (24)	The truXTRAC cfDNA kit contains AFA-optimized reagents and consumables required for extraction and purification of cfDNA from EDTA or Streck plasma with magnetic bead purification.
520234	truXTRAC cfDNA from Plasma Kit – Column Purification (24)	The truXTRAC cfDNA kit contains AFA-optimized reagents and consumables required for extraction of cfDNA from up to 1ml plasma and with column-based purification.