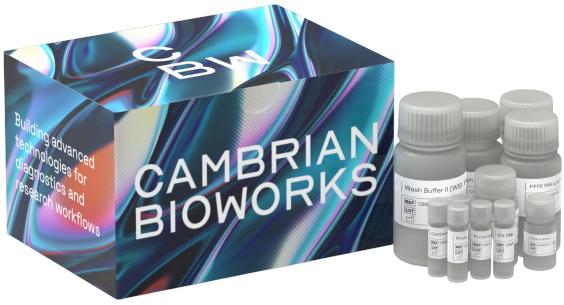
Cambrian cell-free DNA Isolation Kit

Solutions for oncology workflows

The OncoSeek cfDNA Kit is designed to deliver high-quality circulating cfDNA for oncology applications, including liquid biopsy and minimal residual disease testing. With flexible elution volumes that are as low as 30 µL, it provides concentrated cfDNA ideal for NGS and digital PCR.

Available pack size: 25-50 preps (2-4mL plasma)



- Flexible input volume: Isolate cfDNA from 1mL-8mL
- 55-minute short protocol
- No genomic DNA contamination
- Automation ready

Highly enriched target fragments

In a trial across 7 clinical patient samples, Cambrian's OncoSeek cfDNA Kit achieved consistently higher yields using just 1 mL of plasma, compared to Supplier A which required 2 mL. Despite using half the input volume, OncoSeek demonstrated superior recovery efficiency. Results were analyzed on a Qubit 4 Fluorometer System.

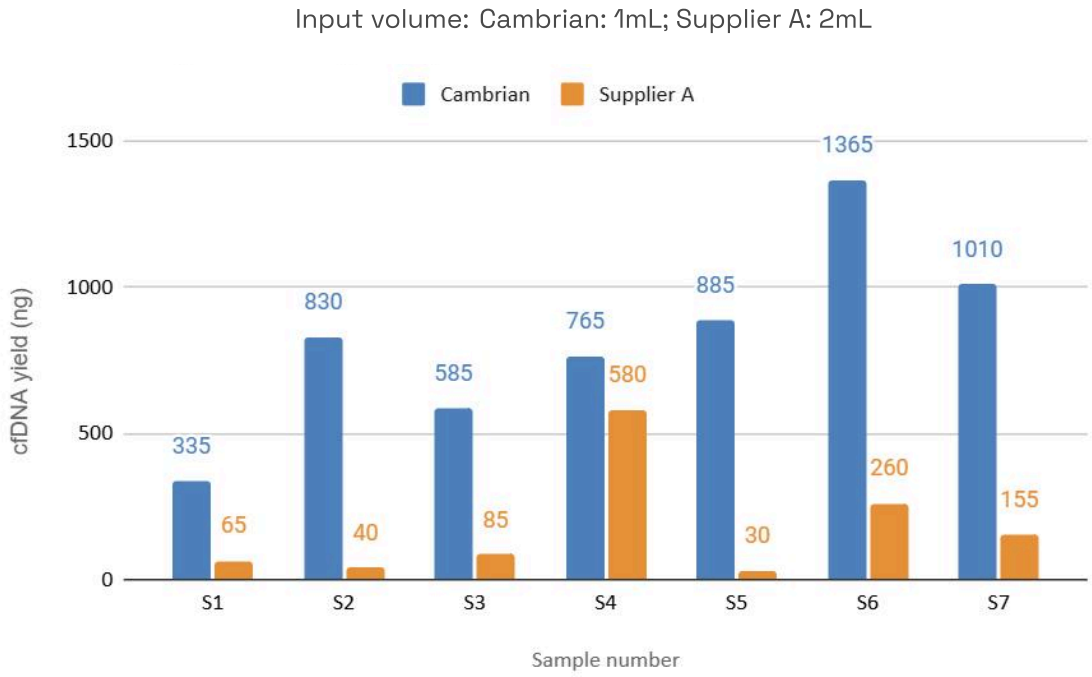


Fig. 1 : Qubit cfDNA yield (ng) comparison across 7 clinical patient samples as compared with Supplier A

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Cell-free fraction %

High cell-free fractions mean minimal genomic DNA contamination, which is essential in MRD and liquid biopsy assays. In a trial across 7 patient samples, OncoSeek consistently delivered higher cell-free fractions (39–75%) compared to Supplier A (2–56%). Results were analyzed using the cfDNA ScreenTape assay on the TapeStation system.

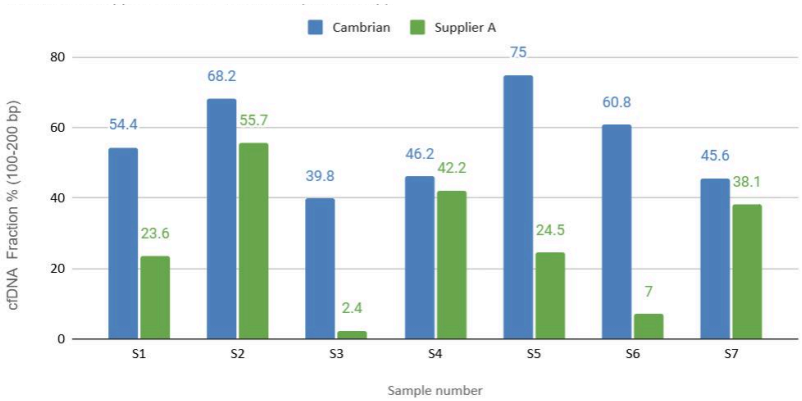

Fig 2: cfDNA fraction % (100-200 bp) comparison across 7 patient samples

High-quality cell free DNA for sensitive downstream applications

Liquid biopsy | MRD monitoring | Transplant monitoring

Multiple formats tailored to your needs



Available in manual format
(SKU: CBWC170.50)



Compatible with Manta, automated DNA/RNA extraction system
(SKU: CBWM100.C)



Compatible with Beluga, automated platform for cfDNA-based workflows



Compatibility for selected third-party automation machines

Ordering information

Name	SKU	Pack size
Cambrian OncoSeek cfDNA Isolation Kit	CBWC170.50	50 reactions

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