# illumina®

# Count on **Illumina Cell-Free DNA Prep with Enrichment**

## Highly accurate mutation detection

Enhance genomic insights and expand biomarker profiling and discovery performance using Illumina Cell-Free DNA Prep with Enrichment in your liquid biopsy sequencing workflows.

### Fast library generation

- Prepare sequencing-ready libraries in **~8.5–9.5 hours**
- Work efficiently with only **2.5–3 hours** hands-on time
- Use Illumina Custom Enrichment Panel v2 or custom panels of your choice

### Powerful NGS

- Get the throughput that you need with multiplexing and automation-friendly fill volumes
- Detect VAF[*] as low as **0.2% from only 20 ng cfDNA with ≥ 99.98% analytical specificity and ≥ 90% sensitivity**

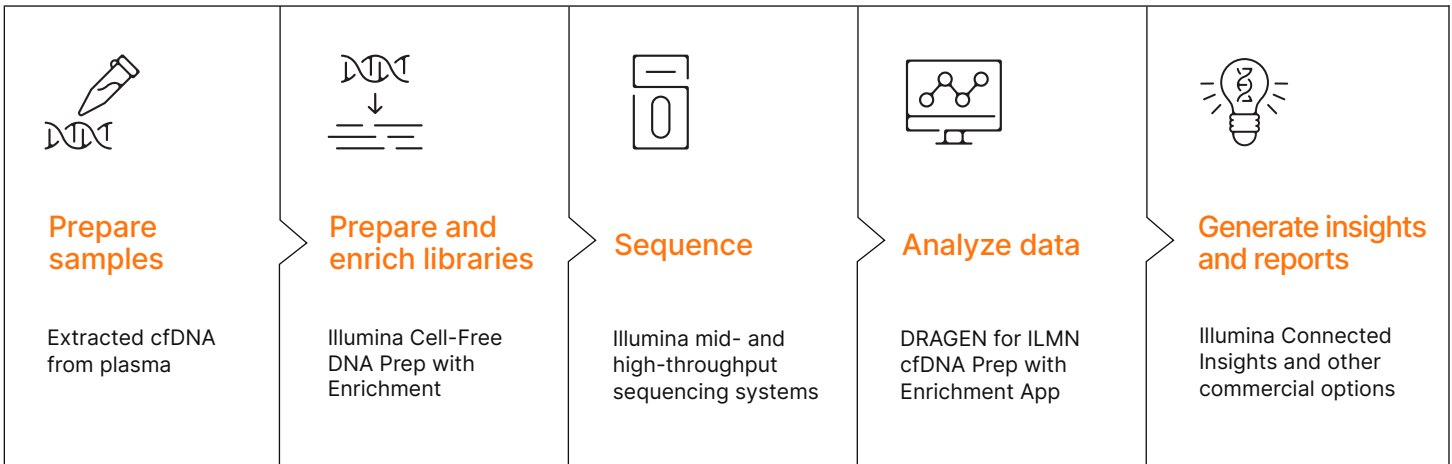\* VAF, variant allele frequency

### Dedicated analysis tools

- Call variants accurately and efficiently using the DRAGEN™ ILMN cfDNA Prep with Enrichment App
- Generate insights and report results using Illumina Connected Insights

## Enhanced usability and support features

- Extended shelf life of six months enables labs to use reagents according to current needs
- One- or four-plex enrichment options to meet your throughput needs
- Advance change notification six months before any significant changes supports advanced planning
- Excellent Illumina service and support ensure operational success

## Complete cfDNA workflow

**Prepare samples**

Extracted cfDNA from plasma

**Prepare and enrich libraries**

Illumina Cell-Free DNA Prep with Enrichment

**Sequence**

Illumina mid- and high-throughput sequencing systems

**Analyze data**

DRAGEN for ILMN cfDNA Prep with Enrichment App

**Generate insights and reports**

Illumina Connected Insights and other commercial options

**Global sourcing and support from Illumina**

### Also processing FFPE samples?

For exceptional performance with formalin-fixed paraffin-embedded (FFPE) samples, Illumina FFPE DNA Prep with Exome 2.5 Enrichment features the same library preparation chemistry and a similar workflow as Illumina Cell-Free DNA Prep with Enrichment.

**Learn more** →

**Illumina Cell-Free DNA Prep with Enrichment**

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