

# Cell-free DNA Extraction Kits

## From Urine & Plasma Samples

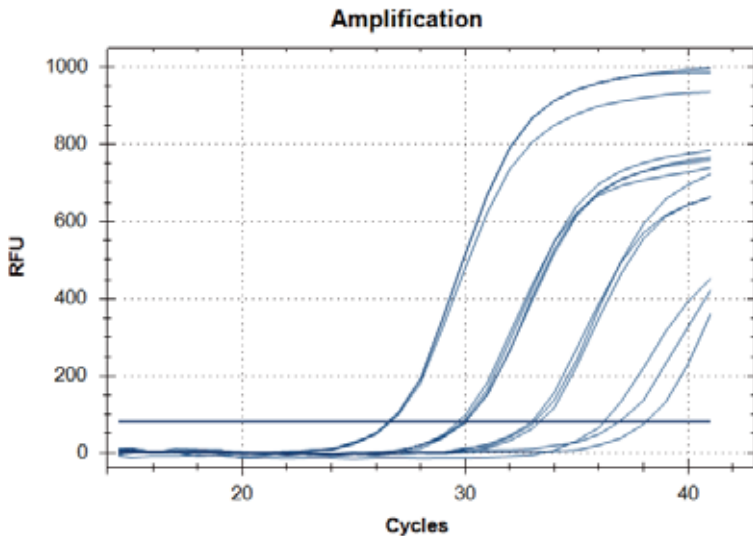


### Performance for when it matters most:

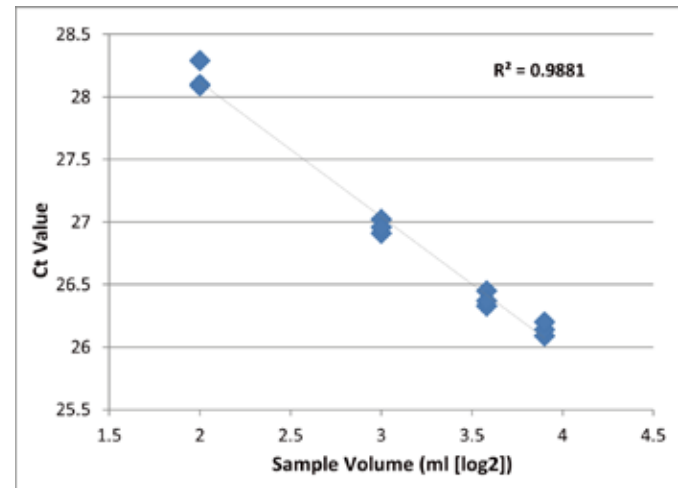
- Ⓢ Ultra high and consistent recovery rate of short fragmented DNA
- Ⓢ Excellent scalability across a wide range of sample volumes
- Ⓢ From primary sample to targeted DNA in < 1 hour
- Ⓢ Perfectly suitable for any downstream application, especially NGS

## Excellent Results from Urine Samples !

We processed 5 ml urine samples, spiked with short-fragmented DNA (~150 bp), in a 10-fold serial dilution of 200, 20, 2 and 0.2 copies/ $\mu$ l, and with elution volume of 50  $\mu$ l. We confirmed the extraction performance by qPCR, using 2  $\mu$ l of template.

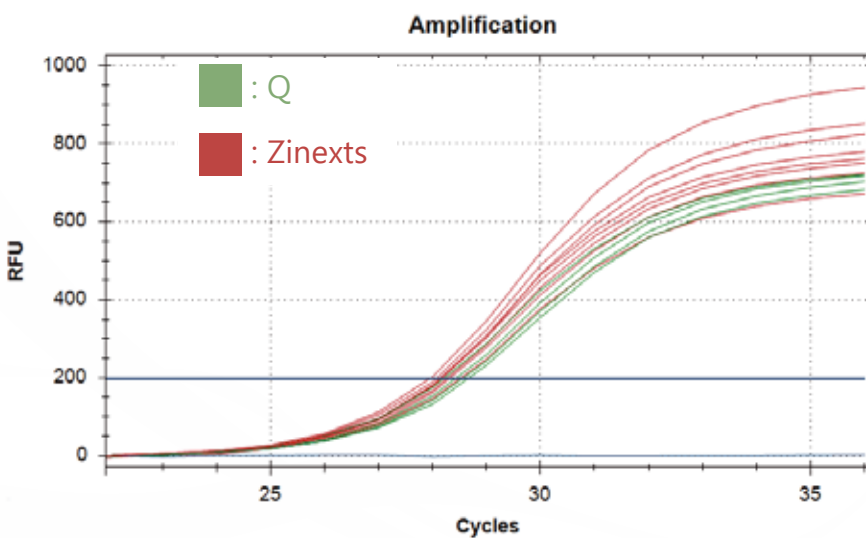


Excellent sensitivity and reproducibility of cfDNA extraction from urine, even with low amount of cfDNA present.



Outstanding scalability of the cfDNA extraction process from urine, across a wide range of sample volumes (4 — 15 ml).

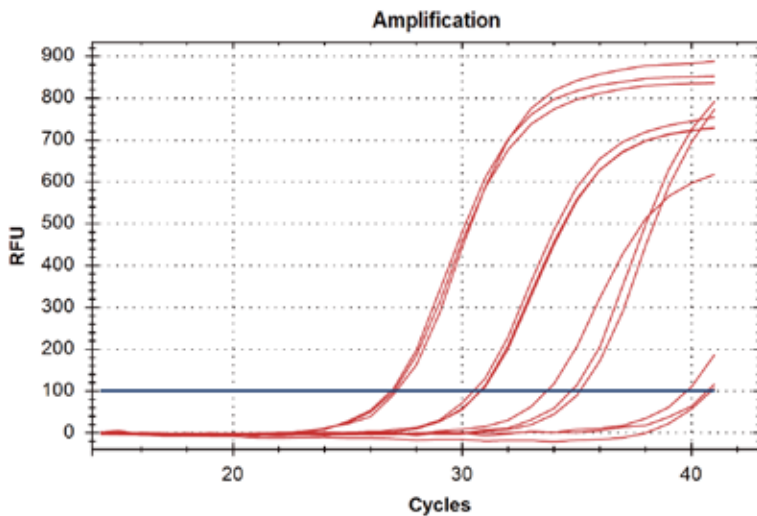
We did the comparison, extracting cfDNA from eight 4 ml urine samples with the Urine cfDNA Extraction Kit on the MagPurix instrument, and with a market leading product. Comparison of the cfDNA recovery rates was done by qPCR.



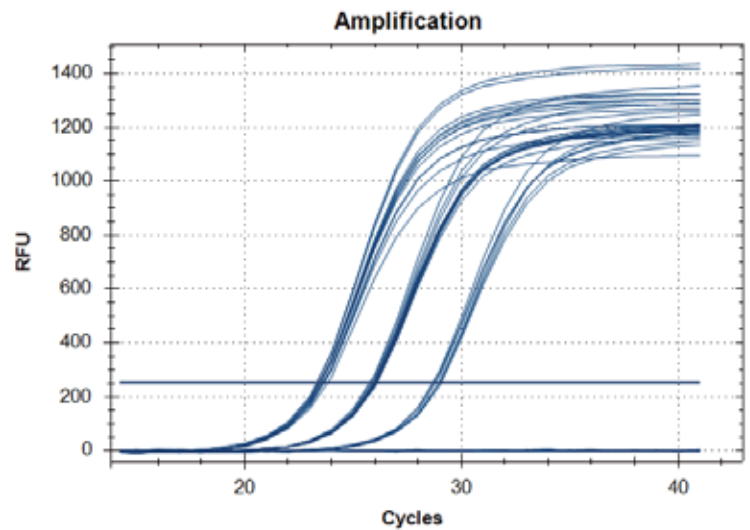
High and consistent recovery rate, easily matching the market leading brand's performance.

## Optimal for Downstream Applications from Plasma Samples !

Using plasma samples, spiked with short-fragmented DNA (~150 bp) in a 10-fold serial dilution of  $10^6$ ,  $10^5$ ,  $10^4$  and  $10^3$  copies/sample, we performed extraction with the Plasma cfDNA Extraction Kit and confirmed the extraction performance by qPCR, using 2  $\mu$ l of template.

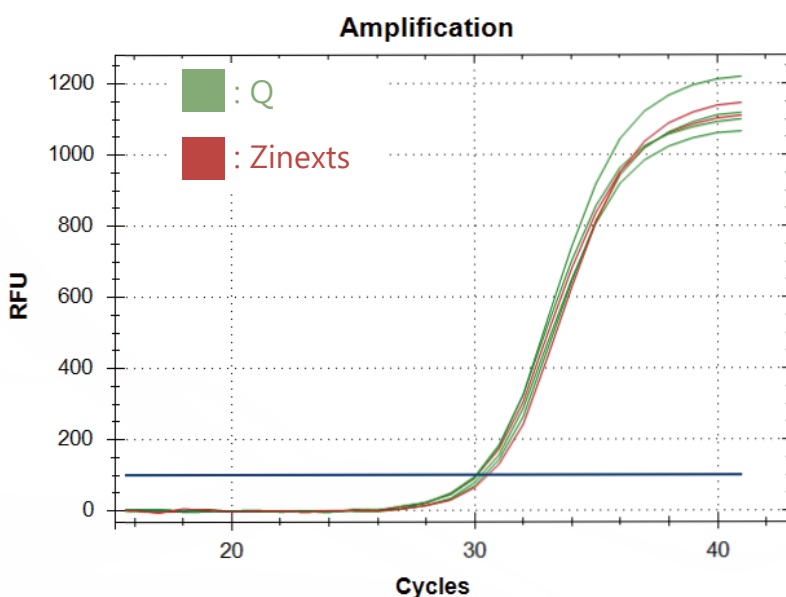


Very high recovery rate of cfDNA extraction from plasma, down to very low cfDNA levels.



Superb reproducibility in the cfDNA extraction process from plasma, using 12 replicates of samples with 3 different cfDNA levels each.

We compared the performance of the Plasma cfDNA Extraction Kit with a market leading product, using four 2 ml plasma sample with a representative cfDNA load. Comparison of the cfDNA recovery rates was done by qPCR.



Excellent extraction performance, matching the market leading brand's results.



*Specially designed extraction solutions, utilizing proven  
MagPurix technology.  
Perfectly suited for your genomics applications  
in Clinical Diagnostics and Research.*

## Order Information

### Product Name

MagPurix Urine cfDNA Extraction Kit	ZP02032
MagPurix Plasma cfDNA Extraction Kit	ZP02033
MagPurix EVO 12	ZP01018
MagPurix EVO 24	ZP01019

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ZFL-ZP0203X-0623-V2