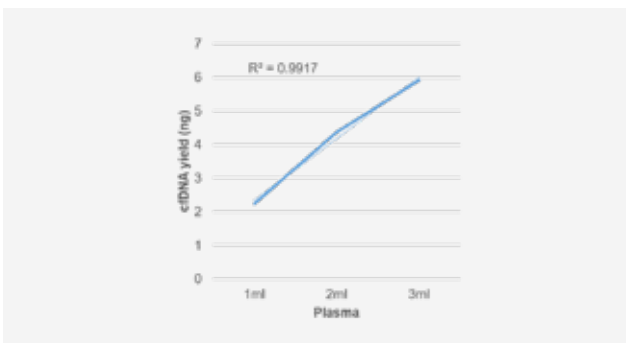
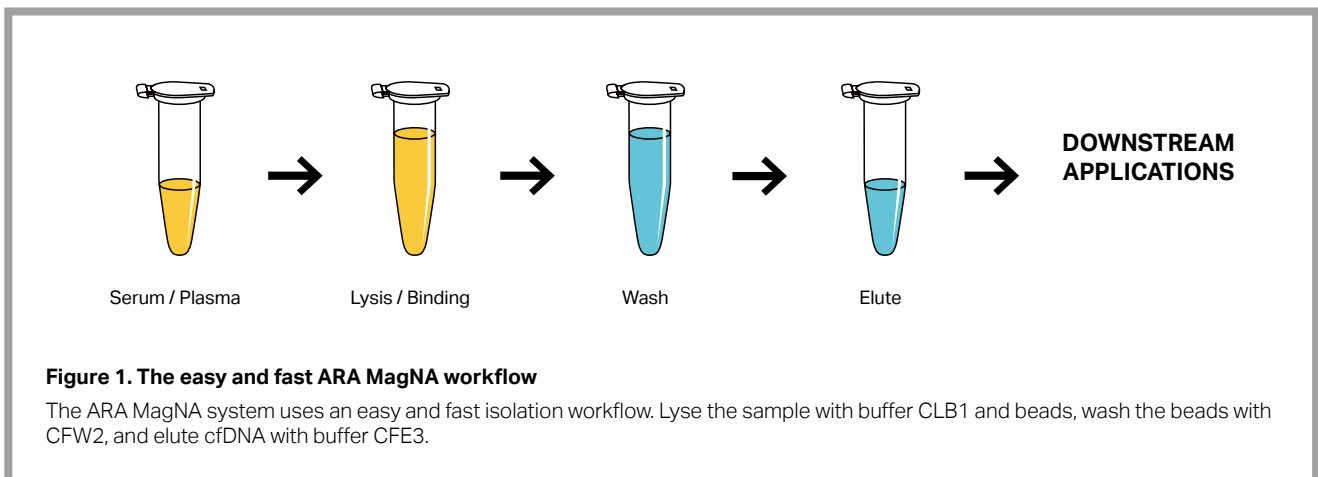


# ARA MagNA

Cell-Free DNA Isolation Kit  
100 preps

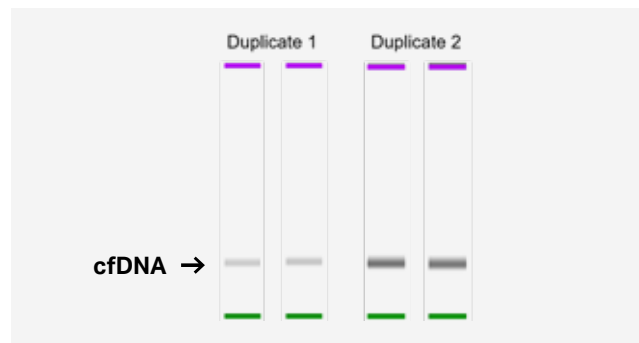


The concentration of cfDNA is overall low, which is problematic as many techniques require higher DNA amounts than those can be isolated from a typical plasma sample. Genomic DNA contamination also dilutes out cfDNA, preventing the detection of rare variants. You can overcome these challenges with ARA MagNA Cell-Free DNA Isolation Kit. This kit is designed for the rapid isolation of high quality, high yield cfDNA from plasma and serum. The preparation time for a single sample is less than 60 minutes (Figure 1). The kit contains sufficient materials for 100 preparations. The purified, high-quality DNA is ready-to-use for a wide variety of demanding downstream applications.



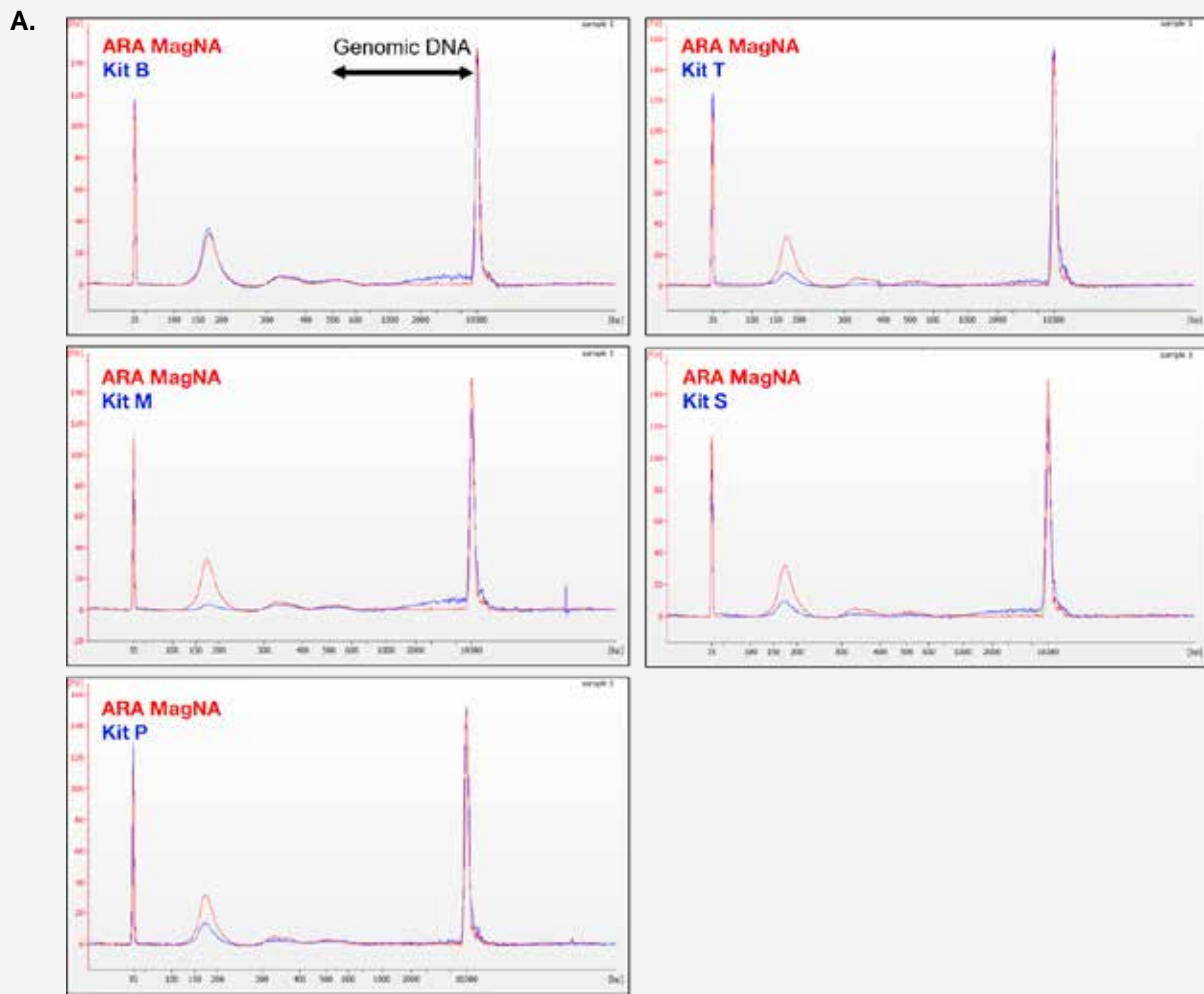
**Figure 2. cfDNA isolation with ARA MagNA system is scalable.**

The scalable isolation procedure allows variable volume samples. The results show highly linear across the input sample volumes.



**Figure 3. cfDNA isolation with ARA MagNA system is reproducible.**

We isolated cfDNA from 1 mL of the same plasma sample in duplicate using ARA MagNA. The similar yields demonstrate the reproducibility of ARA MagNA.



**Figure 4. Analysis on cfDNA isolated plasma using Agilent™ High Sensitivity DNA Analysis**

We isolated cfDNA from 1 mL of plasma using the ARA MagNA Cell-Free DNA Isolation Kit (red) and competing kits (blue). DNA isolated from the ARA MagNA kit shows higher cfDNA levels with lower levels of genomic DNA than competing kits.

A. Electropherogram, B. Gel electrophoresis.

**Ordering information**

Product Description	Catalog Number	Unit
ARA MagNA Cell-Free DNA Isolation Kit	BKD4DPS100	1 mL / 100 preps