

Get more insights from one plasma sample!

Co-isolate optimal yields of high-quality cell-free DNA and RNA from the same serum or plasma samples using the new **QIAamp® ccfDNA/RNA Kit**. With one liquid biopsy sample you can now analyze both ccfDNA and RNA mutations. In addition, the QIAamp ccfDNA/RNA Kit can provide increased detection sensitivity for low-frequency tumor mutations.

The QIAamp ccfDNA/RNA Kit provides:

- Co-isolation of high yields and high-quality cell-free DNA and RNA in one eluate
- An easy, spin-column based protocol safe for the benchtop
- Vacuum-free protocol without a chemical fume hood
- Small elution volumes to capture and analyze a samples' full complexity
- Flexible sample input volumes between 1–4 ml plasma

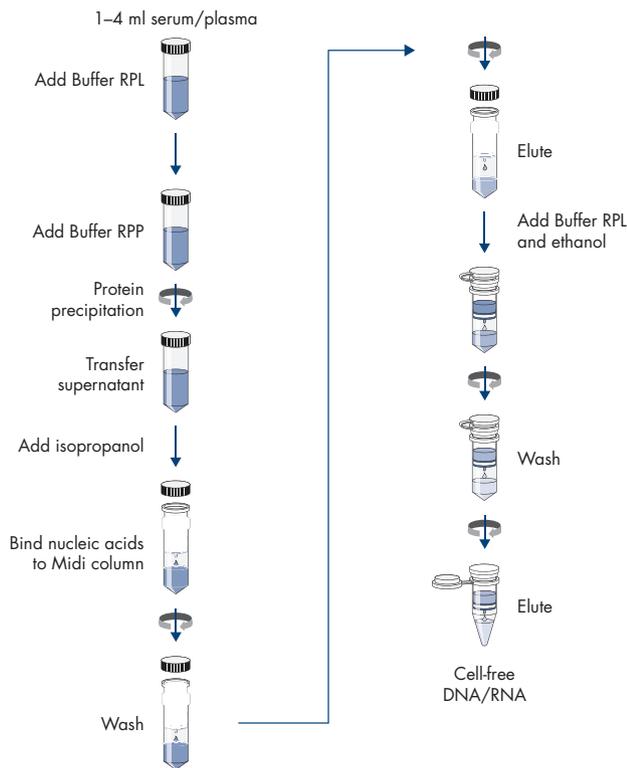


Figure 1. QIAamp ccfDNA/RNA Kit workflow.

Total nucleic acid extraction from plasma or serum samples

The QIAamp ccfDNA/RNA Kit enables the co-purification of cell-free DNA and total RNA into one eluate. The protocol uses QIAGEN's proven Midi spin columns so that a vacuum step is not required (Figure 1). For the elution of total nucleic acids, MinElute spin columns allow for small elution volumes of 14 μ l.

Ordering Information

Product	Contents	Cat. no.
QIAamp ccfDNA/RNA Kit (50)	50 RNeasy Midi and RNeasy MinElute spin columns, 50 collection tubes (50 ml), 50 elution tubes (1.5 ml and 2 ml), RNase-free reagents and buffers	55184

Visit www.qiagen.com or contact QIAGEN today and learn more about the QIAamp ccfDNA/RNA Kit! For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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Unmatched yields and quality of cell-free DNA and RNA

With the QIAamp ccfDNA/RNA Kit, yields of cell-free DNA and RNA are comparable to or better than the QIAamp Circulating Nucleic Acid Kit (Figure 2A). The QIAamp ccfDNA/RNA Kit achieves high yields of both DNA and RNA and unmatched RNA integrity (Figure 2B), which makes it broadly suited for any downstream application.

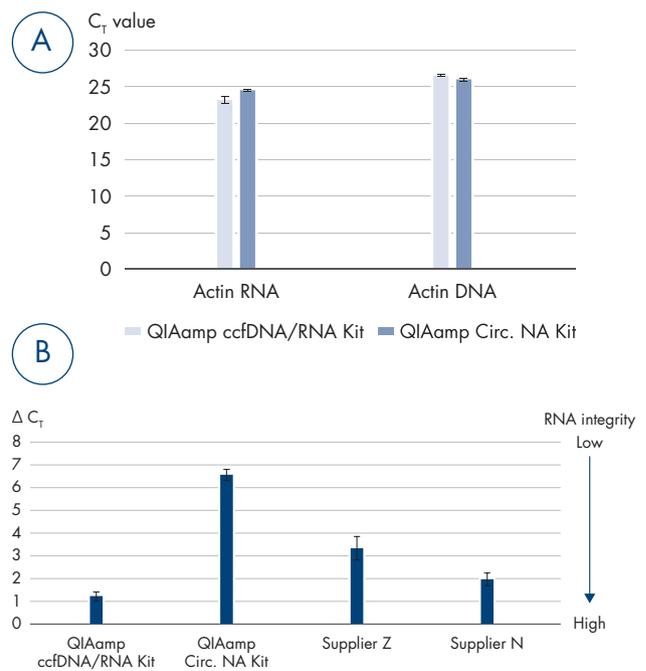


Figure 2. The QIAamp ccfDNA/RNA Kit provides higher yields and quality nucleic acids. Similar yields (A) and high-quality nucleic acids (B) are obtained when compared to the gold standard, the QIAamp Circulating NA Kit.