

Magnetic Bead-Based Purification of **Small Fragment Circulating cfDNA** from Plasma or Serum

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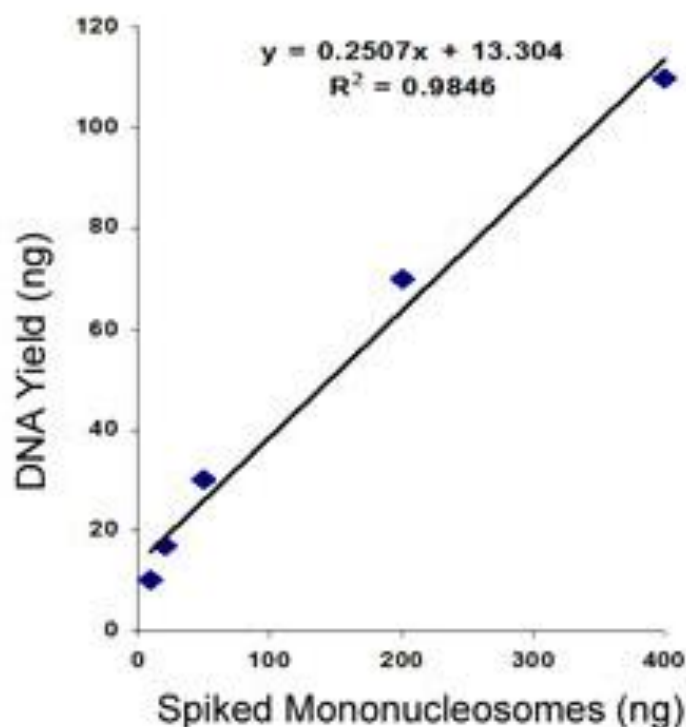
*US Orders Only. Offer Expires 9/02/2016.



Enhanced Magnetic Beads-Based Technology

Our new [EpiQuik Circulating Cell-Free DNA \(cfDNA\) Isolation Easy Kit](#) utilizes magnetic beads based size-fractionation technology to isolate circulating cell-free DNA (cfDNA) from plasma or serum samples in a simple and fast manner. The isolated cfDNA can be directly used for real time-PCR and DNA library preparation suitable for next generation sequencing.

- Fast, straightforward 1-hour procedure.
- DNA is ready for both qPCR and NGS DNA library preparation.
- Efficient removal of proteins, salts, nucleases, PCR inhibiting substances, and other impurities like polysaccharides, polyphenols and lipids.
- High recovery of >80% of input mononucleosomal DNA, even with starting material as low as 0.2 ml.



High recovery of cfDNA: Different amounts of HeLa mononucleosomes were spiked into 0.5 ml of plasma then isolated using the [EpiQuik™ Circulating Cell-Free DNA \(cfDNA\) Isolation Easy Kit](#). The isolated DNA was fluorescently quantified.