

MagCore® Giga

Large-volume Automated
Nucleic Acid Extraction System.

KEY FEATURES

HIGH VOLUME

Process up to 8mL of plasma or body fluids, ideal for low-concentration cfDNA/cfRNA samples.

HIGHER QUALITY

Patented magnetic beads & cartridge design ensure high-purity nucleic acids, perfect for qPCR, NGS, and ONT.

VERSATILE APPLICATIONS

Extract cfDNA, RNA, or gDNA to meet diverse experimental needs.

FLEXIBLE THROUGHPUT

Run 1–8 samples in parallel.

FULLY AUTOMATED

End-to-end workflow from loading to elution minimizes hands-on time and reduces human error.



1-8 Samples



Large Volume Samples



Touch Screen



Barcode Scanner



Built-in Programs



USB Output



UV Decontamination

MAJOR TECHNICAL ADVANTAGES

LARGE-VOLUME PROCESSING

Supports large sample volumes and elutes in small volumes, achieving high nucleic acid concentration and improved detection sensitivity.

EASY HANDLING

Minimal pre-treatment combined with patented high-capacity magnetic beads maximizes nucleic acid recovery.

HIGH-INTEGRITY NUCLEIC ACIDS

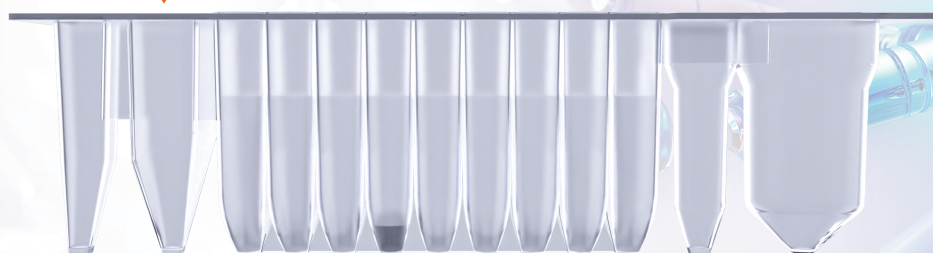
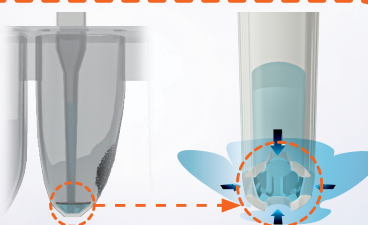
Extracted NA is suitable for ONT long-read sequencing and other advanced applications.

PREFILLED CARTRIDGE DESIGN

Reduces contamination risk, ensures stability, and streamlines operation.

Tip Design

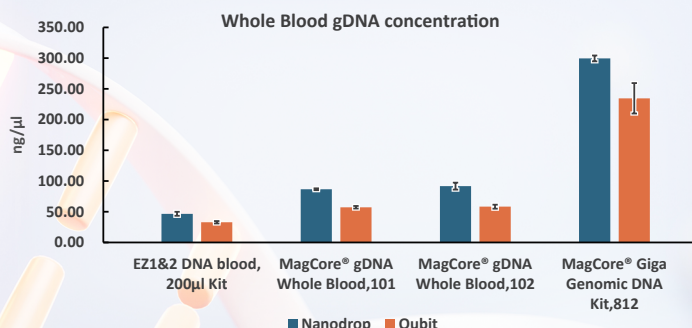
The unique cross-notch design at the end of the tips allows the instrument to pipette precise volumes and minimize liquid retention.



MagCore® Giga Genomic DNA Kit Code 812

DESIGNED FOR PURIFICATION OF TOTAL DNA
(INCLUDING GENOMIC, MITOCHONDRIAL AND VIRAL DNA)
FROM WHOLE BLOOD, PLASMA, SERUM, BUFFY COAT

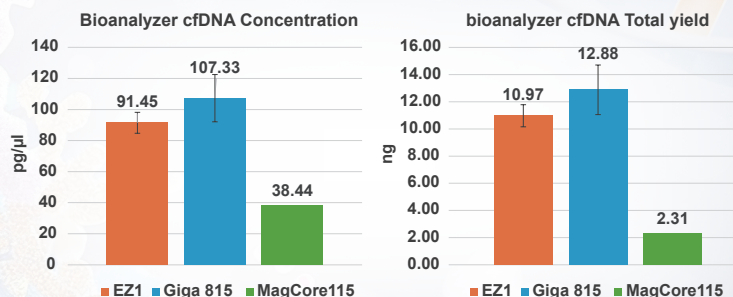
The **Hi-Volume Blood DNA Extraction Kit** enables efficient, high-yield extraction of high-quality gDNA/RNA from up to **4 ml of whole blood** using magnetic bead technology and convenient presealed cartridges. Producing DNA of approximately **20–30 kb** with yields of up to **100 µg**, the kit is ideal for **PCR, NGS, ONT sequencing, and biobanking applications**.



MagCore® Giga Cell Free DNA Kit Code 815

DESIGNED FOR PURIFICATION OF DNA FROM 8ML OF
SERUM, PLASMA, CELL-FREE BODY FLUIDS.

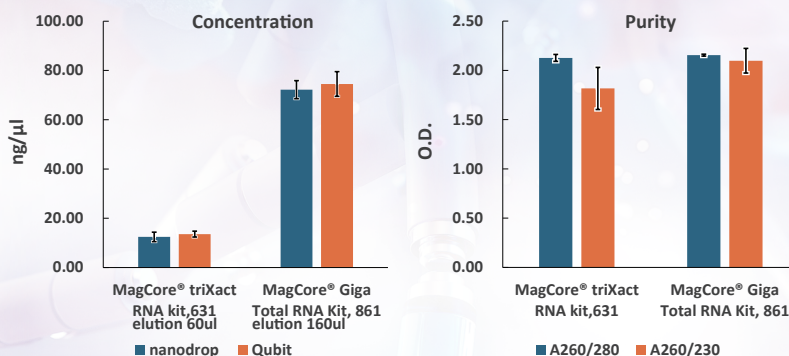
The **Hi-Volume Plasma DNA Extraction Kit** enables efficient extraction of low-concentration circulating DNA from up to **8ml of plasma in a single tube**, using a workflow optimized for liquid biopsy applications. Designed to support **ctDNA recovery for early oncology screening and MRD monitoring**, the kit also enables NIPT workflows, with micro-elution volumes as low as 100 µl to help achieve the concentrations required for **NGS and other downstream applications**.



MagCore® Giga Total RNA Kit Code 861

DESIGNED FOR TOTAL RNA PURIFICATION
FROM UP TO 8ML WHOLE BLOOD.

The **Hi-Volume Blood RNA Extraction Kit** enables high-yield RNA extraction from up to **8ml of blood in a single tube**, delivering yields up to **6-fold higher than Kit 631**. With **DNase/RNase-free pretreated consumables**, individual processing tracks for each sample, and included **DNase I treatment** to remove residual DNA, the kit supports clean, reliable RNA recovery while minimizing cross-contamination. It is ideal for **liquid biopsy, cancer diagnostics, and biomarker discovery applications**.



Contact Us



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