

## Walkaway Automation Measurable Savings Exceptional Results

The PrepQuant™ System is a fully automated sample preparation platform designed to standardize **nucleic acid extraction, concentration, and quantification** in one seamless workflow. By reducing labor, consumable usage, and workflow inefficiencies, PrepQuant drives significant cost savings while improving reproducibility in yield and quality of extracted nucleic acid products.

Using room temperature pre-filled cartridges, the system consistently produces high-quality nucleic acids from a wide range of sample types. Nucleic acid controls with intercalating fluorescent dyes and an integrated onboard fluorometer generate a three-point standard curve which ensures precise, reliable quantification for every run. The system processes up to 24 samples per run and supports reproducible laboratory operations.

### Extract | Concentrate | Quantify



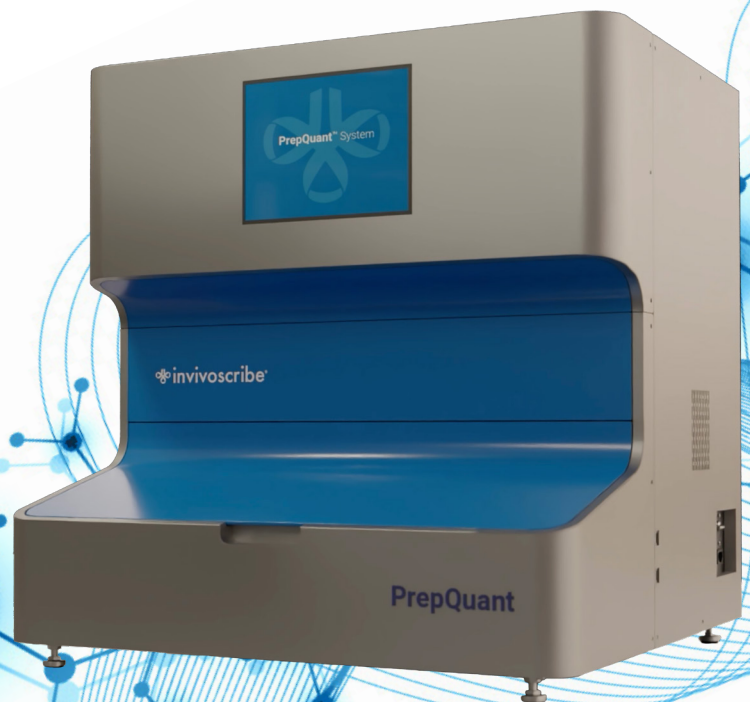
0.4 – 2 mL Peripheral Blood



0.4 – 2 mL Bone Marrow



Up to 8 mL Plasma



## Key Features & Benefits

### 3-in-1 Solution

- Automates nucleic acid extraction, concentration, and quantification

### Cost Effectiveness

- >\$10,000 reduction in labor cost per year when running 24 samples\*
- 63% reduction in hands-on time\*
- Eliminates need for multiple and repeat extractions

### Load, Click, and Go

- Pre-filled, ambient reagent cartridges minimize hands-on time
- Automates time-consuming steps and reduces manual workload

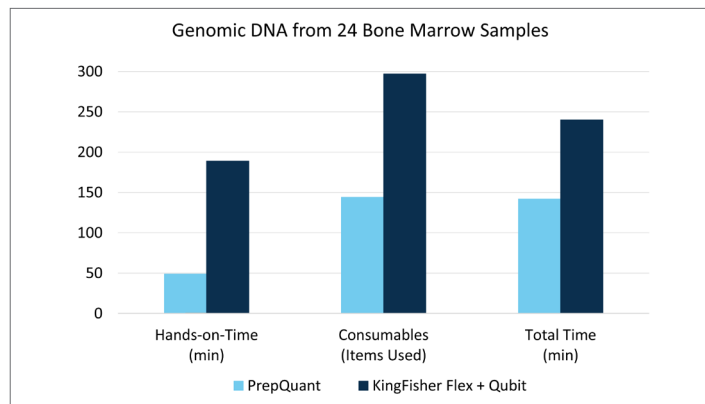
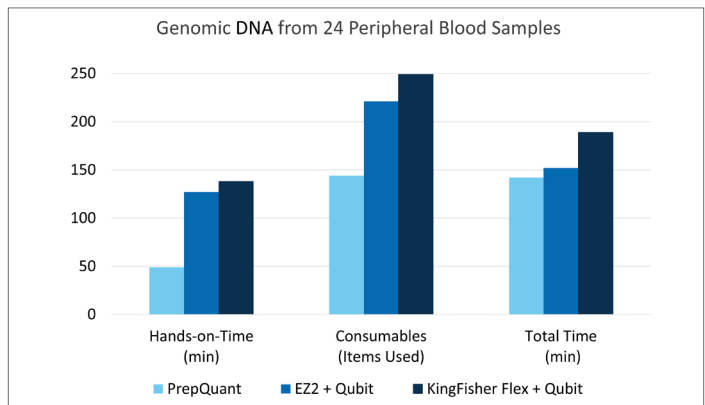
### Standardized & High-Quality Results

- Full traceability and excellent nucleic acid yields and quality
- Individual cartridges plus UV sterilization reduces risk of cross contamination

### User-Friendly Interface

- Easy to operate with minimal training
- Pre-programmed protocols included with each extraction kit

## Workflow Comparisons\*



Feature	Specification
Sample Throughput	1–24 samples
Sample Input Volume	400 µL, 2 mL, and 8 mL
Turnaround Time	≤1.5–3 hours, depending on kit type
Reagent Format	Pre-filled, ambient cartridges
Tracking/Error Prevention	Internal instrument and hand-held barcode readers
User Interface	12-inch built-in touchscreen
Decontamination	UV LED-based
Dimensions (W × D × H)	32.8 × 30.0 × 33.8 inches (832 × 762 × 859 mm)
Weight	297.6 lbs (135 kg)

## Ordering Information

Product Description	Catalog Number
PrepQuant™ System	P100100

\* Time savings estimates calculated by running 24 samples on PrepQuant vs alternative method including extraction, quantification and concentration (where applicable). May not represent actual savings. Monetary savings based on running 24 samples at a time, 48 samples per week, 50 weeks/year at \$50USD labor/overhead rate, using the PrepQuant Genomic DNA EQ 400 kit versus alternative method.

