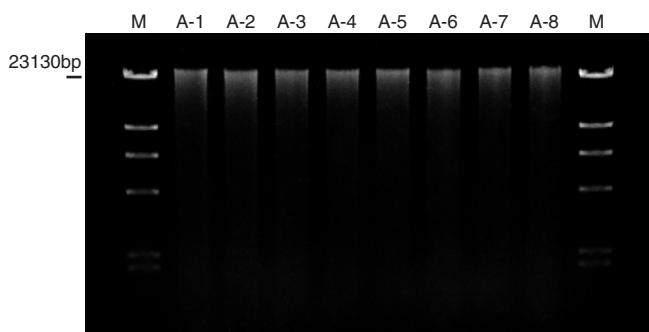


Automated Genomic DNA Purification

- * **High Purity**
- * **High Yields**
- * **Excellent Reproducibility**



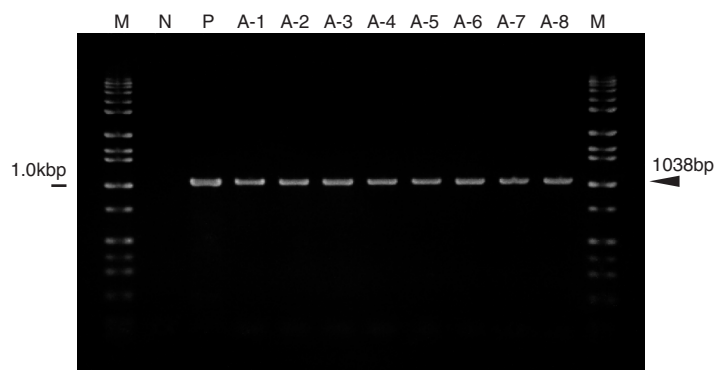
1.5 µl Loading/lane

Eight samples (lanes A-1 - A-8) of whole blood (7 ml each from the same lot No.) were processed on Magtration® System 8Lx. The purified genomic DNA were analyzed by spectrophotometer (see table).

Purity and yield of the DNA from 7-ml of whole blood				
Average of 8 replicates	A _{260/280}	SD	Yield (µg)	SD
		1.90	± 0.02	229

Material and Reagent

Sample	: Human whole blood with EDTA-2Na
Volume of Sample	: 7 ml
Reagent	: 8Lx Magtration Genomic DNA for 7 ml



3 µl Loading/lane

The purified DNA were subjected to PCR targeting benzodiazepine (BZD) receptor gene, which were analyzed by 1% agarose gel.

Lane M, DNA mass marker; N: negative control; P: positive control; A-1 to A-8: PCR amplified BZD receptor of 1038 bp, 1 µl loaded per lane.

Reagents

Code No.	
E8000	8Lx Magtration Genomic DNA for 7ml

Consumables

Code No.	
F8000	Syringe Tip without Steriled
F8001	Bar-Code Tag
F8002	Blood Tube Adapter

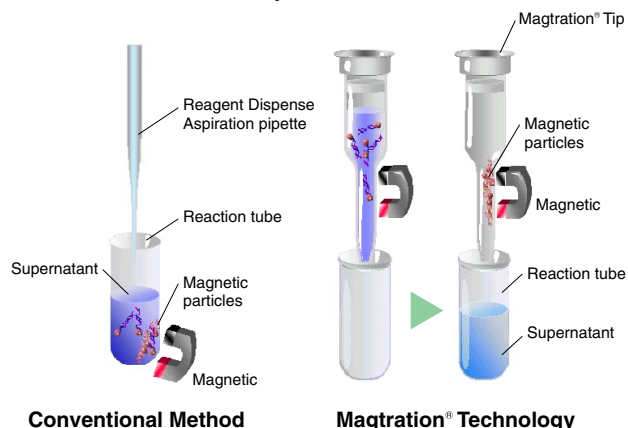
Key Specification

Sample per Run	1 - 8
Sample Volumes	1 -10 ml
Time/Run (8 samples)	50 min
Tips per Test	1
Elution Volumes	1 - 2 ml
Dimensions	850 (W) x 750 (D) x 900 (H) mm

Specifications subject to change without notice.

PSS Magtration® Technology

-DNA/RNA automated purification-



Advanced Magtration® Technology

- A filtration process carried out in a disposable tip:
- High efficiency for washing/elution
- Free of cross-contamination