

# MGIEasy Magnetic Beads Blood Genomic DNA Extraction Kit/Nucleic Acid Extraction Kit



- High extracting efficiency
- Work for frozen blood
- Automation friendly

This kit is designed for extracting high quality genomic DNA from fresh blood, frozen blood, buffy coat and saliva with upeparamagnetic bead technology. The extracted product can be used for PCR, real time PCR, Arrays and Sequencing.



## Performance

Extracting frozen blood samples, using Qubit to detect the product concentration, MGI's kit has higher gDNA yield than competitor M.

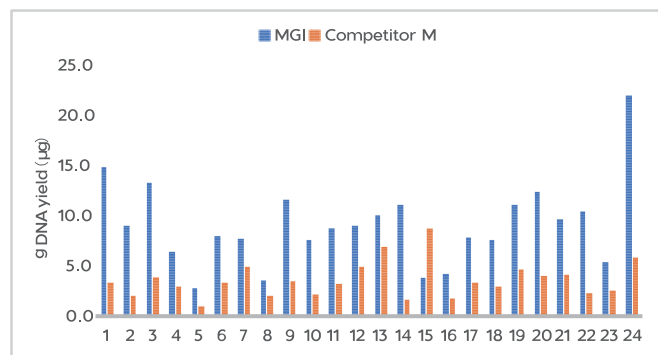


Figure 1 Extracted product yield comparison between MGI and competitor M

Twelve frozen blood samples (200µL) were extracted. Qubit was used to detect the concentration of the product. The results showed that this kit had good extraction performance.

Table 1 gDNA DNA data presentation

Sample ID	Conc (ng/µL)	Yield (µg)	A260/A280
S01	99.28	9.93	1.84
S02	112.59	11.26	1.84
S03	65.74	6.57	1.86
S04	103.69	10.37	1.83
S05	78.24	7.82	1.84
S06	119.4	11.94	1.84
S07	118.67	11.87	1.83
S08	101.03	10.1	1.84
S09	88.44	8.84	1.81
S10	78.98	7.9	1.88
S11	133.35	13.34	1.84
S12	70.363	7.04	1.84

Extracting saliva samples, using Qubit and Nanodrop to detect the product's concentration and purity, MGI's kit has higher yield than competitor T.

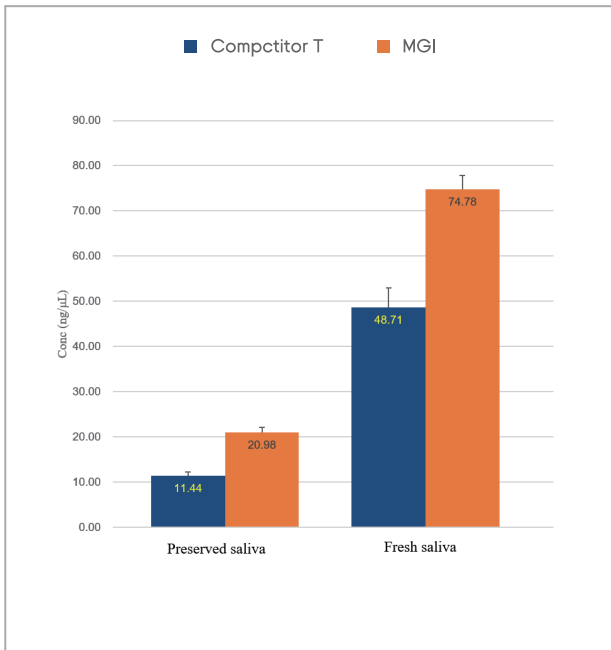


Figure 2 Extracted product yield comparison between MGI and competitor T

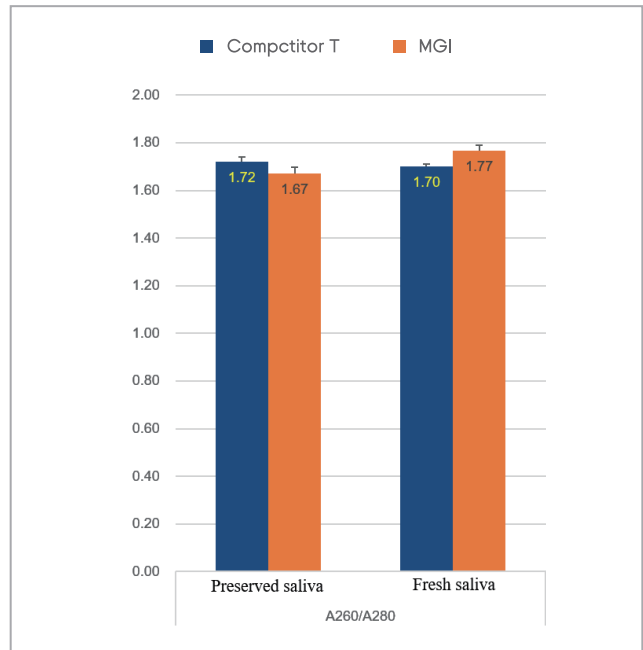


Figure 3 Extracted product purity comparison between MGI and competitor T

## Product Information

Name	MGIEasy Magnetic Beads Blood Genomic DNA Extraction Kit/ Nucleic Acid Extraction Kit
Certificate	RUO/CEDoc
Specification	864 preps&96 preps
Storage	2°C~30°C
Sample type	Fresh blood, Frozen blood, Buffy coat, Saliva
Automation platform	MGISP-960 & MGISP-NE384

## Ordering Information

PN	Name	Specification
1000019634	MGIEasy Magnetic Beads Blood Genomic DNA Extraction Kit	864 preps
940-000633-00	MGIEasy Magnetic Beads Blood Genomic DNA Extraction Kit	96 preps
940-000632-00	Nucleic Acid Extraction Kit	96 preps
940-000554-00	Nucleic Acid Extraction Kit	864preps

