

# MagBeads FastDNA<sup>®</sup> Kit for Blood

## Ready-to-Use for MPure-32™ aNAP System



Cat. No.: 117033700 (96 PREPS)

### Quick-Start Manual

Revision 3.0 Dec 2023

#### Notes before starting:

- Add 2.5 mL Protease Dissolve Buffer into the Proteinase K, and store at -20 - 8°C after it dissolves.

### Automation Extraction

1. Transfer 200 µL of sample and add 20 µL of Proteinase K into well #1 or #7.
2. Place the reagent plate on MPure-32™ aNAP System and run the assay with the program named “**Blood\_DNA**” which has the following setting:

Step	Well	Process	Mix	Time (s) Wait	Attract	Mixing Speed	Temp (°C)
1	#1/#7	Bind	600	0	150	Medium	RT
2	#2/#8	Wash 1	120	0	60	Medium	RT
3	#3/#9	Wash 2	90	0	60	Medium	RT
4	#4/#10	Wash 3	90	0	60	Medium	RT
5	#5/#11		24	0	60	Medium	RT
6	#5/#11	Dry	0	300	0	-	RT
7	#6/#12	Elute	480	0	120	Medium	55
8	#1/#7	Magbeads Release	60	0	0	Medium	RT

3. Transfer the eluted DNA into a clean 1.5 mL microcentrifuge tube or 96-well plate (not provided). DNA is now ready for PCR and other downstream applications. Store the purified nucleic acid at -20°C for an extended storage.

**Note:** If there are still Magnetic Beads remaining in the eluted DNA, please centrifuge at 14,000 x g for 3-5 mins and transfer the supernatant into a clean 1.5 mL microcentrifuge tube.

Extraction

# Ordering Information

## Equipment

Automated extraction system from low to high throughput

Catalog No.	Product Name	Throughput
07EMC043	MPure-32™ aNAP System	Up to 32 samples
07EMC044	MPure-96™ aNAP System	Up to 96 samples



Instruments for lysing and homogenizing environmental and biological samples

Catalog No.	Product Name
116004500	FastPrep™ Classic
116005500	FastPrep-24™ 5G
116010500	FastPrep-96™
116012500	SuperFastPrep-2™

## Reagents

Wide range of reagent kits for extracting and purifying various types of environmental and biological samples for downstream applications.



Catalog No.	Product Name	Pack Size
117033100	(MPure-32™) MagBeads FastDNA® Kit for Soil (Ready-to-Use)	96 preps
117033200	(MPure-32™) MagBeads FastDNA® Kit for Feces (Ready-to-Use)	96 preps
117033300	(MPure-32™) MagBeads FastDNA/RNA Kit for Virus (Ready-to-Use)	96 preps
117033400	(MPure-32™) MagBeads FastRNA Kit (Ready-to-Use)	96 preps
117033500	(MPure-32™) MagBeads FastRNA Kit for FFPE (Ready-to-Use)	96 preps
117033600	(MPure-32™) MagBeads FastDNA® Kit (Ready-to-Use)	96 preps
117033700	(MPure-32™) MagBeads FastDNA Kit for Blood (Ready-to-Use)	96 preps
117033800	(MPure-32™) MagBeads FastDNA Kit for FFPE (Ready-to-Use)	96 preps
117033900	(MPure-32™) MagBeads Fast Circulating DNA Kit (Ready-to-Use)	96 preps



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