

# MGIEasy Blood Genomic DNA Extraction Prepacked Kit (MGISP-NE384)

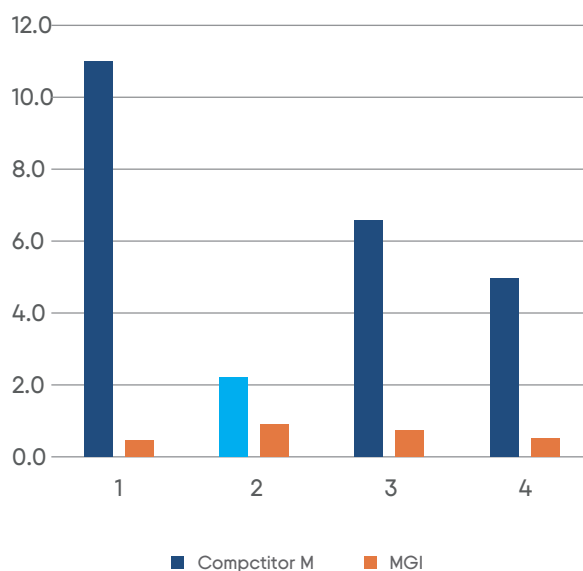
- High extracting efficiency
- Work for frozen blood
- The main component prepacked into plate, easy to use
- Super high throughput with MGISP-NE384

This kit is designed for extracting high quality genomic DNA from fresh blood, frozen blood, buffy coat and saliva with superparamagnetic bead technology. Compatible with MGISP-NE384 perfectly. The extracted product can be used for PCR, real time PCR, Arrays and Sequencing.



## Performance

- Extract frozen blood using this kit and competitor M kit on MGISP-NE384 and Kingfisher flex respectively, the extracted product detected by Qubit, the result indicate our kit has higher yield than competitor M.
- Extract saliva using this kit, the extracted product detected by Qubit, the average yield is 1.9  $\mu\text{g}$



| Sample ID | A260/A280 | Yield ( $\mu\text{g}$ ) |
|-----------|-----------|-------------------------|
| S1        | 1.75      | 2.1                     |
| S2        | 1.65      | 2.0                     |
| S3        | 1.79      | 1.6                     |
| S4        | 1.6       | 1.7                     |
| S5        | 1.74      | 1.5                     |
| S6        | 1.65      | 1.8                     |
| S7        | 1.75      | 1.5                     |
| S8        | 1.71      | 1.9                     |
| S9        | 1.67      | 1.7                     |
| S10       | 1.73      | 2.3                     |
| S11       | 1.74      | 2.2                     |
| S12       | 1.71      | 2.0                     |
| S13       | 1.69      | 1.9                     |
| S14       | 1.68      | 2.0                     |
| S15       | 1.69      | 1.9                     |
| S16       | 1.71      | 1.8                     |

- Extract buffy coat using this kit, the extracted product detected by Qubit, the average yield is 6.8  $\mu\text{g}$

| Sample ID | A260/A280 | Yield ( $\mu\text{g}$ ) | Sample ID | A260/A280 | Yield ( $\mu\text{g}$ ) |
|-----------|-----------|-------------------------|-----------|-----------|-------------------------|
| S1        | 1.93      | 7.3                     | S11       | 1.88      | 7.3                     |
| S2        | 1.91      | 6.1                     | S12       | 1.95      | 4.8                     |
| S3        | 1.9       | 6.7                     | S13       | 1.87      | 3.7                     |
| S4        | 1.9       | 5.5                     | S14       | 1.87      | 13.0                    |
| S5        | 1.89      | 6.3                     | S15       | 1.85      | 13.0                    |
| S6        | 1.93      | 6.9                     | S16       | 1.88      | 5.0                     |
| S7        | 1.94      | 6.4                     | S17       | 1.9       | 2.9                     |
| S8        | 1.92      | 6.5                     | S18       | 1.87      | 5.2                     |
| S9        | 1.9       | 7.3                     | S19       | 1.87      | 6.1                     |
| S10       | 1.92      | 4.3                     | S20       | 1.86      | 8.9                     |
|           |           |                         | S21       | 1.85      | 8.9                     |

## Product info

|               |  |
|---------------|--|
| Name          | MGIEasy Blood Genomic DNA Extraction Prepacked Kit (MGISP-NE384) |
| Certificate   | RUO  |
| Specification | 96 preps   |
| Storage       | Box 1: room temperature; Box 2: 2~8 C                            |
| Sample type   | Fresh blood, Frozen blood, Buffy coat, Saliva                    |
| TAT           | 55 mins  |

## Order info

|            |  |
|------------|--|
| PN         | Name   |
| 1000027847 | MGIEasy Blood Genomic DNA Extraction Prepacked Kit (MGISP-NE384) |

