

Product Information

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|---|--------------------------------|
| Product Name: Auto-Mag® HMW DNA Isolation Kit | |
| Product No. AMD-D036 | Lot No. D03645078 |
| Manufacture Date: 2023-06-01 | Expiry Date: 2025-06-01 |
| Note: <i>For Research Use Only. Not for use in diagnostic procedures</i> | |

Components in the package:

| Description | Storage Condition | Additional Infor. |
|-----------------------|-------------------|-------------------|
| Auto-Mag® HD-1 | 2-8 °C | |
| HMWL Buffer | 15-25 °C | |
| HMWB Buffer | 15-25 °C | |
| HMWW Buffer | 15-25 °C | |
| DNAW Buffer | 15-25 °C | |
| DNA Elution Buffer | 15-25 °C | |
| Proteinase K Solution | 2-8 °C | |
| RNase A | 2-8 °C | |
| LEM-2 Mix | 2-8 °C | |

Quality Control:

Auto-Mag® HMW DNA Isolation Kit is qualified by isolating gDNA from 200 µL of blood and 5 mg of mammalian tissue following the protocols outlined in the manual.

| Methods/ Specification: | Results |
|--|---------|
| Purified genomic DNA has an A260/280 ratio of ≥ 1.7 . | pass |
| Isolated gDNA is analyzed by gel electrophoresis. A single band of gDNA must be present and must be larger than 60 kb. | confirm |
| The functional quality of genomic DNA is evaluated by PCR amplification A single band of PCR product must be present | confirm |

Quality authorized by QC:
Signature

Date: 2023-06-08

ISO Certification:

Manufactured by AMD Biotech Inc. in compliance with ISO 9001-2015 certified quality management system.

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