

**Product Information**

<b>Product Name:</b> Auto-Mag® HMW DNA Isolation Kit	
<b>Product No.</b> AMD-D036	<b>Lot No.</b> D03645228
<b>Manufacture Date:</b> 2023-10-29	<b>Expiry Date:</b> 2025-10-28
<b>Note:</b> <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 $\geq 1.7$ .	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:** 2023-10-29

**ISO Certification:**

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

1860 Montreal Rd. Tucker, GA. 30084

US/Canada 1-404-290-5063 || Web. [www.amdbiotech.com](http://www.amdbiotech.com) || E-mail. support@amdbiotech.com