

# Certificate of Analysis

## MagMAX™ DNA Multi-Sample Kit

Kit Product No. **4413020**  
Product No. **4413083**  
Lot No. **2797479**  
Date of Manufacture **2023-08-31**

MagMAX™ DNA Multi-Sample Kit is a magnetic bead based DNA purification kit compatible with a wide variety of sample inputs. The genomic DNA yield from biological samples is assessed by measuring  $A_{260}$  on the NanoDrop ND1000. DNA purity is assessed by measuring  $A_{260} / A_{280}$ . Integrity of the genomic DNA is assessed by gel electrophoresis. Functional performance of isolated genomic DNA is measured by qPCR amplification. RNA contamination is assessed through qPCR amplification.

**Result:** Pass

TEST	SPECIFICATION	RESULT
<b>Proteinase K</b>		
Activity Assay	Specific activity is tested.	Pass
Exonuclease Activity	A sample is incubated with labeled double-stranded DNA, followed by PAGE analysis.	Pass
<b>RNase A</b>		
Activity Assay	Specific activity is tested.	Pass
Protease Activity	A sample is incubated for with protease substrate and analyzed by fluorescence.	Pass
Exonuclease Activity	A sample is incubated with labeled double-stranded DNA, followed by PAGE analysis.	Pass
<b><i>For Research Use Only. Not for use in diagnostic procedures.</i></b>		

### ISO CERTIFICATION

This product is produced in accordance to Thermo Fisher Scientific Baltics UAB, a wholly owned subsidiary of Thermo Fisher Scientific Inc. (hereinafter Thermo Fisher) certified Quality Management (ISO 9001) and Environmental Management (ISO 14001) systems. Thermo Fisher Scientific Baltics UAB is also certified according to the standards ISO 13485 (Quality management system for IVD medical devices).

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