



Certificate of Analysis

Axygen Biosciences Limited hereby certifies that the product described below has been manufactured in accordance with established manufacturing guidelines and product specifications. The product conforms to all Quality requirements.

Catalog Number: AP-MD-MS-RNA-10 AP-MD-MS-RNA-25

Product Description: AxyPrep Multisource Total RNA Midiprep Kit (Finished Kit)

Mfg. Lot Number: KD11080801

1. Spectrophotometric Analysis (uv absorption)

◆ **A₂₆₀/A₂₈₀ Testing Specification:** Acceptable Range for A₂₆₀/A₂₈₀=2.0±0.15.

◆ **Yield Specification:** Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is ≤± 10% of Standard, based upon spectrophotometric analysis. The “Standard” is a previously tested and validated sample.

Test Results:

Item	Test Data					Samples
	1	2	3	4		
A ₂₆₀	1.087	1.01	1.005	0.908		1,2 are duplicate Test Samples 3,4 are duplicate Standards
A ₂₈₀	1.01	0.493	0.488	0.439		
A ₂₆₀ /A ₂₈₀	2.04	2.05	2.06	2.07		
Yield (µg)	156.53	145.04	144.72	130.75		
[Test Sample/Standard] Yield Difference	9.62 %					

2. Restriction Analysis

◆ **Restriction Specification:**

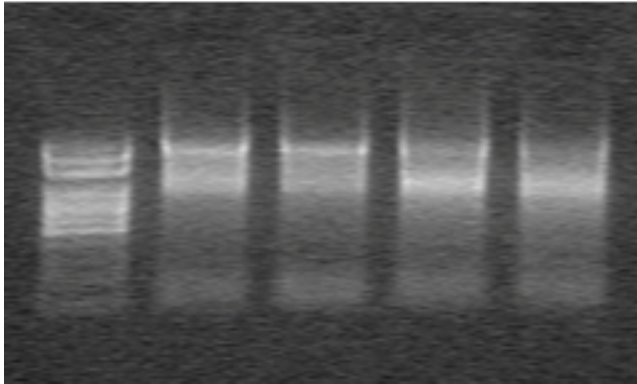
3. Electrophoretic Analysis

◆ **Electrophoresis Specification:**

- a. The denatured agar electrophoresis of prepared RNA shows the RNA strip is clearly and no much dispersion or degradation.
- b. The denatured agar electrophoresis of prepared RNA shows no visible genomic DNA strip.

Gel image:

100bM Standard Test Sample



Axygen Biosciences Limited warrants and represents that all inspections and testing for the article described above have been performed at Axygen Biosciences Limited QC laboratory located on-site at the manufacturing plant. Axygen Biosciences Limited manufacturing facility is located at Building B2, Industrial Zone of Xiacheng District (Huafeng, Shiqiao), Hangzhou 310022, P.R.China

Approved By: _____ Date: _____
Quality Assurance