



## *Certificate of Analysis*

Axygen Bioscience 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-MN-MS-RNA-50**

**Product Description: AxyPrep Multisource Total RNA Miniprep Kit (Finished Kit)**

**Mfg. Lot Number: KD10071101**

### 1. Spectrophotometric Analysis (uv absorption)

◆ **A<sub>260</sub>/A<sub>280</sub> Testing Specification:** Acceptable Range for A<sub>260</sub>/A<sub>280</sub>=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	5	6	
A <sub>260</sub>	1.423	1.277	1.484	1.483	1.398	1.199	1,2,3 are duplicate Test Samples
A <sub>280</sub>	0.782	0.665	0.784	0.792	0.734	0.692	
A <sub>260</sub> /A <sub>280</sub>	2.09	2.23	2.16	2.16	2.18	1.97	4,5,6 are duplicate Standards
Yield (µg)	57.5	51.9	61.2	60.2	57.4	47.8	
[Test Sample/Standard] Yield Difference	3.12%						

### 2. Restriction Analysis

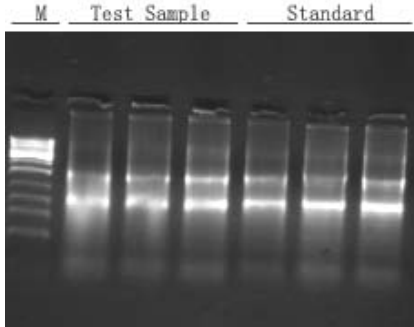
◆ **Restriction Specification:**

### 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:**



Axygen Bioscience Limited warrants and represents that all inspections and testing for the article described above have been performed at Axygen Bioscience Limited QC laboratory located on-site at the manufacturing plant. Axygen Bioscience Limited manufacturing facility is located at Building B2,Industrial Zone of Xiacheng District (Huafeng,Shiqiao), Hangzhou310022,P.R.China

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Quality Assurance