



## *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-4

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

**Mfg. Lot Number:** KD19070501

**Material:**

### 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>	0.433	0.509	0.394	0.453	0.522	0.475	1,2 ,3are duplicate Test Samples 4,5,6 are duplicate Standards
A <sub>280</sub>	0.196	0.240	0.171	0.224	0.251	0.231	
A <sub>260</sub> /A <sub>280</sub>	2.21	2.12	2.30	2.02	2.08	2.06	
Yield (µg)	20.78	24.43	18.91	21.74	25.06	22.80	
[Test Sample/Standard] Yield Difference	-7.86%						

### 2. Restriction Analysis

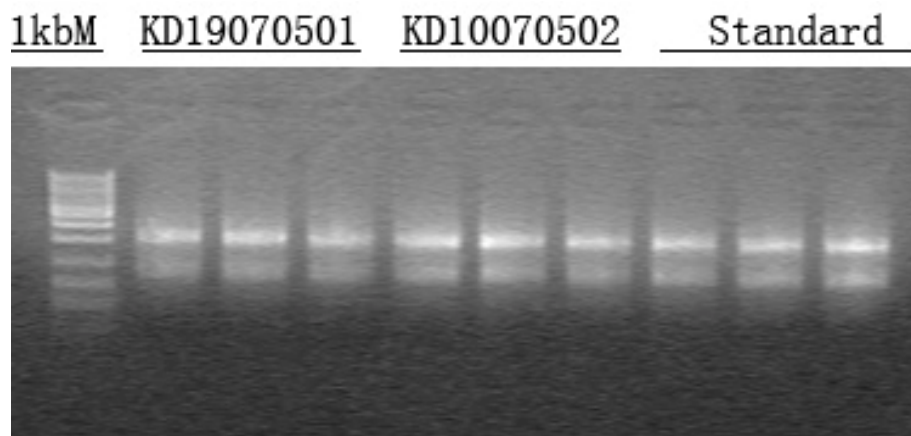
◆ **Restriction Specification:**

### 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), Hangzhou 310022, P.R. China

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