



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

Mfg. Lot Number: KD10070802

Material:

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	5	6	
A ₂₆₀	0.836	0.743	0.808	0.691	0.842	0.815	1,2 are duplicate Test Samples (08070401) 3,4 are duplicate Test Samples (08070601) 5,6 are duplicate Standards
A ₂₈₀	0.395	0.357	0.384	0.325	0.410	0.410	
A ₂₆₀ /A ₂₈₀	2.12	2.08	2.10	2.13	2.05	1.99	
Yield (µg)	20.06	17.83	19.39	16.58	20.21	19.56	
[Test Sample/Standard] Yield Difference	-4.71%		-9.54%				

2. Restriction Analysis

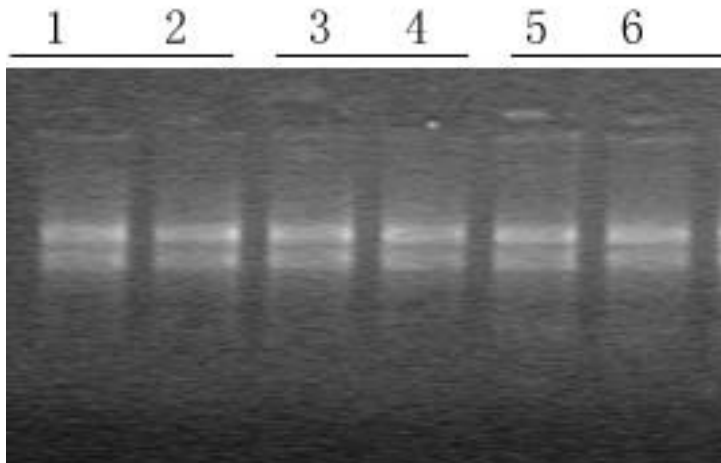
◆ **Restriction Specification:**

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:



1.2 duplicate Test Sample (080704010)

3.4 duplicate Test Sample (080704010)

5.6 duplicate Standard

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