

## 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-MN-BT-GDNA-50

**Product Description:** AxyPrep Bacterial Genomic DNA Miniprep Kit (Finished Kit)

**Mfg. Lot Number:** KC40090302

### 1. Spectrophotometric Analysis (UV absorption)

◆ **A<sub>260</sub>/A<sub>280</sub> Specification:** Acceptable Range for A<sub>260</sub>/A<sub>280</sub>=1.8±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.

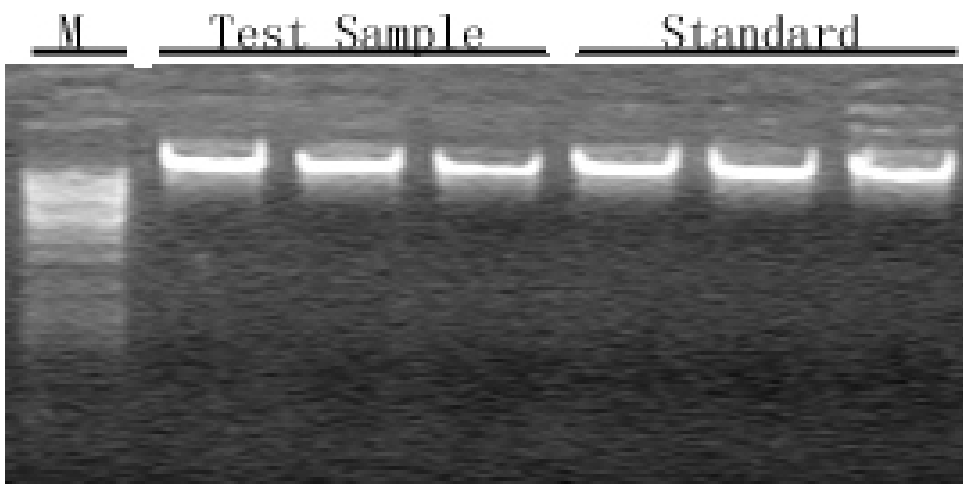
#### Test Results:

Item	Test Data						Samples
	1	2	3	4	5	6	
A <sub>260</sub>	0.756	0.692	0.557	0.766	0.687	0.661	1,2,3 are duplicate Test Samples
A <sub>280</sub>	0.48	0.435	0.358	0.487	0.411	0.405	
A <sub>260</sub> /A <sub>280</sub>	1.83	1.88	1.84	1.89	1.89	1.82	4,5,6 are duplicate standards
Yield (μg)	16.95	15.3	12	16.17	16.02	16.11	
The quantity difference of DNA	-8.4%						
Electrophoresis	√	√	√	√	√	√	PASS
No visible RNA	√	√	√	√	√	√	

### 2. Electrophoresis Specification:

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

#### Gel image:



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