

## 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-GX-50

**Product Description:** AxyPrep DNA Gel Extraction Kit (Finished Kit)

**Mfg. Lot Number:** KE10080103

### 1. Electrophoretic Analysis

**◆Electrophoresis Specification:**

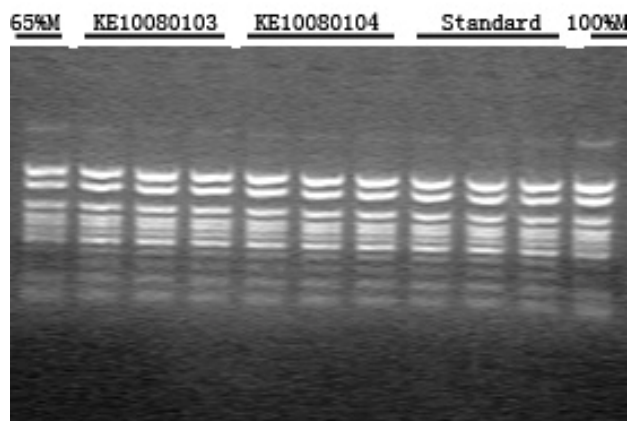
- a. Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is  $\leq \pm 10\%$  of Standard, based upon analysis. The “Standard” is a previously tested and validated sample.
- b. The recovery of DNA from agar gel is more than 65%.

### 2. Recovery Analysis

**◆Recovery Specification:** The recovery of DNA from agar gel is more than 65%. Loading 8  $\mu$ l extracted PCR product mixture to the 1.5% agar gel for electrophoresis, and also loading 5.2  $\mu$ l and 8  $\mu$ l PCR product mixture for 65% and 100% contrast. estimate the recovery of purified PCR product by visual examination.

Item	Test Data						Samples
	1	2	3	4	5	6	
Yield (%)	75%	75%	75%	75%	75%	70%	1,2,3(KE10080103) are duplicate Test Samples 4,5,6(Standard) are duplicate Standards
[Test Sample/Standard] Yield Difference	2.27%						<b>PASS</b>

**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