

## 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-PCR -4

**Product Description:** AxyPrep PCR Clean-up Kit (Finished Kit)

**Mfg. Lot Number:** KB19071202

### Electrophoretic Analysis

#### ◆Electrophoresis Specification:

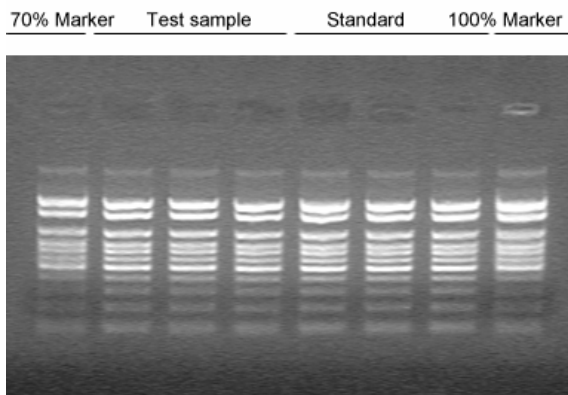
- a. Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is  $\leq \pm 10\%$  of Standard, based upon spectrophotometric analysis. The “Standard” is a previously tested and validated sample.
- b. The recovery of mixed DNA fragments from the gel is  $\geq 70\%$ .based upon contrast estimate the recovery of purified PCR product by visual examination.

Purify 30  $\mu$ l of 100bp,500bp,1kb,5kb PCR product mixture by the testing kit, and elute the DNA with 30  $\mu$ l of elution. Loading 8  $\mu$ l purified PCR product mixture to the 1.5% gar gel for electrophoresis, and also loading 4  $\mu$ l and 8  $\mu$ l PCR product mixture for 50% and 100% contrast. estimate the recovery of purified PCR product by visual examination.

#### Test Results:

Item	Test Data						Samples
	1	2	3	4	5	6	
Yield (%)	80%	75%	80%	80%	80%	80%	1,2,3 are duplicate Test Samples 4,5,6 are duplicateStandards
[Test Sample/Standard] Yield Difference	-2.08%						<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