



Certificate of Analysis

UElandy Inc.

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Refer to website for regional contact information.

| | | | |
|-----------------|-----------------------------------|------------------|------------|
| Product Name: | UE Blood Genomic DNA Miniprep Kit | Lot ID: | 221109KC3 |
| Catalog Number: | UE-MN-BL-GDNA-50 | Expiration Date: | 11/08/2025 |

Quality Control

Spectrophotometric Analysis

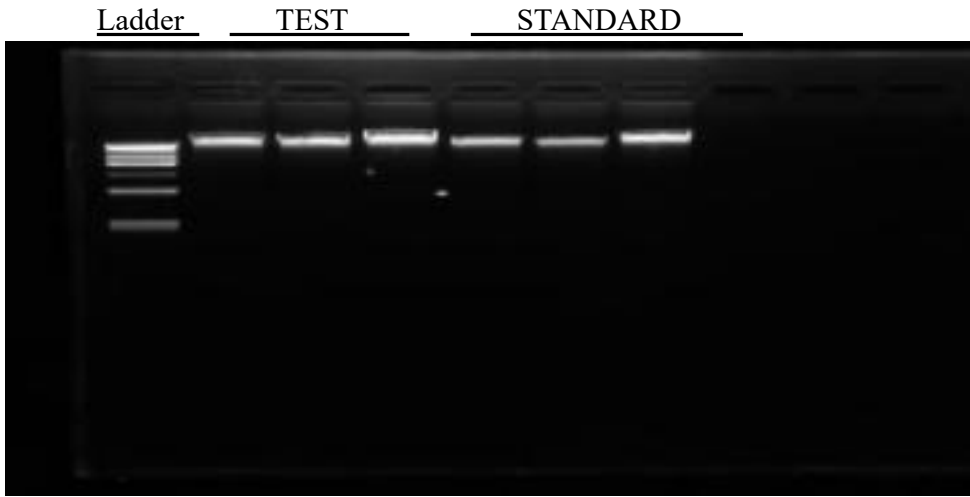
- Acceptable Range for $A_{260}/A_{280}=1.8\pm0.15$.
- Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is $\leq \pm 10\%$ of Standard, based upon spectrophotometric analysis. The "Standard" is a previously tested and validated sample.

Electrophoretic Analysis

- Agarose gel electrophoresis of the samples exhibits a tight genomic DNA band without significant visible degradation.
- Agarose gel electrophoresis of the samples exhibits no contaminating RNA.

Gel Image and Test Data

| Item | Test Date | | | | | | Sample |
|--|-----------|--------|--------|--------|--------|--------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | |
| A_{260} | 0.7050 | 0.5074 | 0.5226 | 0.5787 | 0.6711 | 0.4279 | 1,2,3 are duplicate Test Samples 4,5,6 are duplicate Standards |
| A_{280} | 0.3893 | 0.2759 | 0.2806 | 0.3168 | 0.4050 | 0.2315 | |
| A_{260}/A_{280} | 1.8108 | 1.8390 | 1.8625 | 1.8266 | 1.6570 | 1.8485 | |
| Yield (μg) | 17.624 | 12.685 | 13.065 | 14.468 | 16.777 | 10.697 | |
| Electrophoresis | √ | √ | √ | √ | √ | √ | PASS |
| No visible RNA | √ | √ | √ | √ | √ | √ | |
| Endonuclease digest | √ | √ | √ | √ | √ | √ | |
| [Test Sample/Standard] Yield Difference | 3.415% | | | | | | PASS |



UElandy Inc. warrants and represents that all inspections and testing for the article described above have been performed at UElandy Inc. QC laboratory located on-site at the manufacturing plant. UElandy Inc. manufacturing facility is located at Room 302, Building 1, No.18& Chunyao Road, Xiangcheng District, Suzhou, Jiangsu Province P.R, 215143 China

(QC Inspector) *tian qin zheng*

(Approver) *Qin Hua-Yu*