

Certificate of Analysis

Description CoA, ForenSeq DNA Signature Prep Kit (384 reactions) - V16000022

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|------------------|---|--------------------|-----------|
| Product Name | ForenSeq™ DNA Signature Prep Kit (384 reactions) | Kit Catalog Number | V16000022 |
| Box Part Numbers | ForenSeq™ DNA Signature Prep Kit - Box 1 of 3: 15055255 ForenSeq™ DNA Signature Prep Kit - Box 2 of 3: 15055256 ForenSeq™ DNA Signature Prep Kit - Box 3 of 3: 15055257 | Lot Number | V100013a |
| | | Kit Expiry Date | 06MAY2021 |

1. Library Preparation QC

Test Conditions

The ForenSeq DNA Signature Prep Kit was tested using 1 nanogram of 2800M DNA as a positive control and nuclease free water as a negative control. The Polymerase Chain Reaction process was utilized to amplify DNA products. Samples then were sequenced using a 351x8x8x31 PE run on a MiSeq FGx instrument. Positive and negative control results are reported as average values from each of three test libraries per primer mix. Results are listed below.

Test Results

| Metric | Specification | Result |
|--------------------------------|-------------------------------------|--------|
| Negative amplification control | No human DNA contamination detected | Pass |
| Genotype for 2800M DNA | All loci correctly called | Pass |

Certification

Original CofA approval Date (if applicable): 12DEC2019

This document certifies that the product(s) described above meet quality specifications.

Quality Review

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|------------|---------------|-----------|----------------------|------|-----------|
| Print Name | Yessica Young | Signature | <i>Yessica Young</i> | Date | 15SEP2021 |
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