

## Certificate of Analysis

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

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	V100017a
		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): 03APR2020

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

#### Quality Review

Print Name	Yessica Young	Signature	<i>Yessica Young</i>	Date	14SEP2021
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