

Certificate of Analysis

Description CoA, ForenSeq MainstAY Kit (96 reactions) - V16000142

Product Name	ForenSeq™ MainstAY Kit (96 reactions)	Kit Catalog Number	V16000142
Box Part Numbers	ForenSeq™ MainstAY Kit - Box 1 of 4: 15055318 ForenSeq™ MainstAY Kit - Box 2 of 4: 15055319 ForenSeq™ MainstAY Kit - Box 3 of 4: 15055320 ForenSeq™ MainstAY Kit - Box 4 of 4: 15055321	Lot Number	V100042a
		Kit Expiry Date	10NOV2022

1. Library Preparation QC

Test Conditions

The ForenSeq MainstAY Kit was tested using 1 nanogram of NA24385 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. Results are listed below.

Test Results

Metric	Specification	Result
Negative amplification control	No human DNA contamination detected	Pass
Genotype for NA24385 DNA	All loci correctly called	Pass

Certification

Original CofA approval Date (if applicable): 29JUN2021

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

Quality Review

Print Name	Yessica Young	Signature	<i>Yessica Young</i>	Date	06SEP2021
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