illumina®

Certificate of Analysis

Description

Product Name NextSeq® 550Dx Reagent Kit v2 (300 cycles)

Catalog Number 20019554 **Kit Lot Number** A125894

Kit lot Contents

Material	Box Part Number	Box Lot number	Cartridge/ Tube Part Number	Cartridge/ Tube Lot Number
NextSeq 550Dx Reagent Cartridge v2 (300 cycles)	20019555	A125894-1	20005418	20232895
NextSeq 550Dx Buffer Cartridge v2 (300 cycles)	20019556	A125894-2	20005420	20232891
NextSeq 550Dx High Output Flowcell Cartridge v2 (300 cycles)	20019557	A125894-3	20006364	20232588
NextSeq 550Dx Accessory Box (300 cycles)	20019558	A125894-4	20018864	20234820

Test Conditions

Kitted reagents were tested on a NextSeq 550Dx sequencing system in a 2x151 cycle paired end run configuration with PhiX at a concentration which produced a cluster density of 160-230 K/mm^2. Flow Cells included in the kit lot were manufactured and released in accordance with production specifications.

Test Results

Metric	Specification	UOM	Result
Sequencing output	≥90	Gigabases	Pass
Cumulative Q-score[1] ≥30	≥75	%	Pass

[1] Q-Scores measure the probability that a base is called incorrectly. A higher quality score indicates a smaller probability of error. A quality score of 30 represents an error rate of 1 in 1000, with a corresponding call accuracy of 99.9%.

Certification

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

Quality Review

Print Name Ong Xueling Shirlene Signature Date 16- MAR- 2018