

Illumina DRAGEN COVIDSeq Pipeline Software

Release Notes

V1.1.1

For Illumina COVIDSeq Test Assay

July 16, 2020

Introduction

These release notes detail the key features and known limitations to software components for the Illumina DRAGEN COVIDSeq Pipeline Software v1.1.1 for RUO and PEO.

This software is intended for use with the Illumina COVIDSeq Test Assay.

- Software Version: 1.1.1.0

The software package includes:

- NovaSeq 6000 sample sheet template
- Install script package

NEW FEATURES:

- Initial Release
 - DRAGEN SARS-CoV-2 detection
 - Aggregated TSV report
 - Aggregated PDF report
 - Variant calling and consensus FASTA generation
- Support for NovaSeq 6000 Sequencing System using S4 Reagent Kit

DEFECT REPAIRS:

- DRAGEN update for segfault fix/mutex lock

KNOWN ISSUES:

- Pressing CTRL + C keys during analysis execution causes analysis to stop

PRODUCT LIMITATIONS:

- Compatible only with IDT for Illumina- Nextera Unique Dual Indexes Set A, B, C, D
- DRAGEN v2 servers require network storage