

New England Biolabs Product Specification

Product Name: NEBNext[®] ARTIC SARS-CoV-2 Companion Kit (Oxford Nanopore Technologies[®])
Catalog #: E7660S/L
Kit Components: LunaScript[™] RT SuperMix (E7651)
Q5[®] Hot Start High-Fidelity 2X Master Mix (E7652)
NEBNext[®] Ultra II[™] End Prep Enzyme Mix (E7661)
NEBNext[®] Ultra II[™] End Prep Buffer (E7662)
Blunt/TA Ligase Master Mix (E7663)
NEBNext[®] Quick T4 DNA Ligase (E7664)
NEBNext[®] Quick Ligation Reaction Buffer (E7665)
Nuclease-free Water (E7667)
NEBNext[®] ARTIC SARS-CoV-2 Primer Mix 1 (E7725)
NEBNext[®] ARTIC SARS-CoV-2 Primer Mix 2 (E7726)
NEBNext[®] VarSkip Short SARS-CoV-2 Primer Mix 1 (E8005)
NEBNext[®] VarSkip Short SARS-CoV-2 Primer Mix 2 (E8006)

Shelf Life: 12 months
Storage Temp: -20°C
Specification Version: PS-E7660S/L v2.0
Effective Date: 25 Aug 2021

Assay Name/Specification (minimum release criteria)

Functional Testing (Library Construction) - Each set of reagents is functionally validated through the construction of libraries made using commercially available RNA and the kit's input requirement at 10 and 100 copies of RNA template. Two libraries are sequenced on individual Oxford Nanopore[®] flow cells and their quality assessed across a number of metrics including, library yield, sequence yield, reads quality, read length, genome assembly, and percentage of mapped reads.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext[®] ARTIC SARS-CoV-2 Companion Kit and meet the designated specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark.
Please visit www.neb.com/trademarks for additional information.



Date 25 Aug 2021

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