

Compatible Nucleic Acid Extraction Instrumentation and Reagents/Kits

Many commercially-available nucleic acid extraction systems are compatible with real-time PCR applications and are thus suitable for sample preparation prior to PANDAA qDx™ SARS-CoV-2 kit use. The following systems have been fully validated with the PANDAA qDx™ SARS-CoV-2 kit. Instructions for Use for each of these workflows are available separately.

| Extraction Instrument | Extraction Kit | Manufacturer |
|---|--|--------------------------|
| <i>m2000sp</i> (part of the <i>m2000</i> RealTime System) | <i>mSample</i> Preparation Systems _{DNA} [List No. 06K12-24] | Abbott |
| KingFisher™ Flex Purification System | MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit [Cat No. A42352 or A48310] | Thermo Fisher Scientific |

Other nucleic acid extraction solutions that have demonstrated efficient viral RNA purification and compatibility with PANDAA qDx™ SARS-CoV-2 test kits include:

| Extraction Instrument | Extraction Kit | Manufacturer |
|---------------------------|---|---------------|
| QIAcube (or manual) | QIAamp® Viral RNA Mini Kit [Cat No. 52904 or 52906] | QIAGEN |
| NucliSENS® easyMag® | NucliSENS® easyMag® Reagents | bioMérieux |
| N/A; manual (plate-based) | Quick-RNA Viral 96 Kit [Cat No. R1040 or R1041] | Zymo Research |

Compatible Real-time PCR Instrumentation

The PANDAA qDx™ SARS-CoV-2 test kit is compatible with the following real-time PCR machines:

| Instrument | Manufacturer |
|---|---|
| <i>m2000rt</i> (part of the <i>m2000</i> RealTime System) | Abbott |
| QuantStudio™ Series (3, 5, 5 Dx, 12k Flex) | Thermo Fisher Scientific |
| Applied Biosystems® ABI 7500 Series (7500, 7500 Fast, 7500 Fast Dx) | Applied Biosystems/Thermo Fisher Scientific |
| Rotor-Gene® Q5/6 plex Platform | QIAGEN |
| LightCycler® 480 Instrument II | Roche |

Note that these lists are not exhaustive. If you have a nucleic acid extraction instrument/kit or real-time PCR instrument not included in these tables and would like to know if it is compatible with the PANDAA qDx™ SARS-CoV-2 test kit, please contact Technical Support (support@aldatubio.com).