



Sample prep

# RNA and DNA extraction from viral particles

The MagMAX Viral/Pathogen II Nucleic Acid Isolation Kit is compliant with IVDR Class A requirements

The Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit (Cat. No. A48383) is upgraded from *In Vitro* Diagnostic Medical Devices Directive (IVDD) compliance to *In Vitro* Diagnostic Regulation (IVDR) compliance, while continuing to help ensure reproducible recovery of high-quality nucleic acid.

The new and improved kit comes in a more convenient single-box format. It also comes with an increased shelf life of 24 months and includes saliva as a sample in its intended use with no changes in the formulation.

This kit is optimal for extraction of viral nucleic acid from a wide array of pathogens, including SARS-CoV-2 virus. Use this kit manually or pair it with automation for high-throughput, high-yield diagnostic testing in less than 30 minutes.

<b>Intended use</b>	The MagMAX Viral/Pathogen II Nucleic Acid Isolation Kit is a nucleic acid purification kit based on magnetic bead technology. The kit is intended for the isolation and purification of viral nucleic acids from human nasopharyngeal swabs and viral RNA from saliva specimens, and is suitable for use in molecular detection by qPCR.*
<b>Sample types</b>	Human nasopharyngeal swabs and saliva
<b>Automation level</b>	Automation-ready protocols compatible with the <b>Thermo Scientific™ KingFisher™ Flex Purification System</b> (Cat. No. 5400630) <b>Protocol for KingFisher Flex system (200 µL), 2 wash steps</b> <b>Protocol for KingFisher Flex system (400 µL), 2 wash steps</b>
<b>Sample input volume</b>	200 or 400 µL of viral transport media (VTM) or saliva
<b>Elution volume</b>	50 µL
<b>Time per run</b>	96 samples can be processed in <30 minutes
<b>Kit configuration</b>	No longer sold as separate Cat. Nos., the product components (binding solution, wash solution, Applied Biosystems™ MagMAX™ Viral/Pathogen II Binding Beads, proteinase K, and elution buffer) will be kitted in a convenient single-box format with a single expiration date.
<b>Shelf life</b>	24 months
<b>Assay compatibility</b>	This kit is compatible with multiple downstream assays such as the Applied Biosystems™ TaqPath™ Respiratory Viral Select Panel. Visit the assay's IFU for more information.
<b>Cat. No.</b>	<b>A48383</b> (up to 2,000 preps/kit)

\* Intended for use by qualified and trained clinical laboratory personnel specifically instructed and trained in the techniques of magnetic bead purification, either manual or automated, and *in vitro* diagnostic procedures.

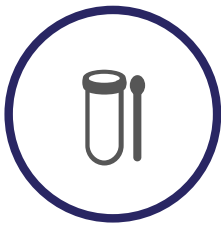
Just like all Applied Biosystems™ MagMAX™ kits, this viral/pathogen kit is compatible with the KingFisher Flex instrument:

- The KingFisher system automates binding, washing, and elution steps
- Scalable from 200 µL or 400 µL with only two protocols

To order this kit, contact your sales representative or [customer service](#).



## MagMAX Viral/Pathogen II Nucleic Acid Isolation Kit workflow



### Receive samples

Samples from patients, including nasopharyngeal (NP) swabs or saliva



### Prep sample (Required)

KingFisher Flex Purification System with MagMAX Viral/Pathogen II Nucleic Acid Isolation Kit



### Real-time PCR (Required)



### Analyze & report (Required)

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