



A single test to detect and differentiate SARS-CoV-2, influenza A, and influenza B

Detect and differentiate RNA from multiple respiratory viruses simultaneously with the Applied Biosystems™ TaqPath™ COVID-19, Flu A, Flu B Combo Kit*—a highly accurate, real-time PCR multiplex test that allows you to expand your respiratory sample testing menu while maintaining low operational costs. This multiplex solution currently in development is expected to have compatibility with some of the most widely used real-time PCR instruments in the world.



Anticipated features of the TaqPath COVID-19, Flu A, Flu B Combo Kit (in development)

- **Single test for SARS-CoV-2, influenza A, and influenza B**—detect and differentiate between disease states that have similar clinical symptoms to get the information needed to help monitor the spread of COVID-19 and the flu
- **Affordable and scalable**—add to your existing COVID-19 testing menu and infrastructure to expand your respiratory sample testing while maintaining low operational costs and workflow simplicity
- **Sensitive and specific**—get targeted specificity to 100% of currently available complete genomes for SARS-CoV-2 and robust performance for detecting flu A and B strains, providing increased confidence in results
- **Complete solution for clinical labs**—Applied Biosystems™ Pathogen Interpretive Software converts genetic analysis data into a readable report, helping reduce risk of user interpretation error
- **Pending authorization**—Emergency Use Authorization (EUA) submission expected in fall 2020

Product details

Targets	<ul style="list-style-type: none">• SARS-CoV-2 (spike (S) protein and nucleocapsid (N) protein regions)• Influenza A• Influenza B
Internal control	MS2 process control
Positive control	Included
Sample types	Nasopharyngeal (NP) swabs, nasal swabs
Instruments	<p>Sample prep:</p> <ul style="list-style-type: none">• Thermo Scientific™ KingFisher™ Flex Purification System with Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit <p>Real-time PCR:</p> <ul style="list-style-type: none">• Applied Biosystems™ 7500 Fast Dx instrument• Applied Biosystems™ QuantStudio™ 5 (96-well, 0.2 mL block) instrument

Find out more at thermofisher.com/covid-flu

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* The TaqPath COVID-19, Flu A, Flu B Combo Kit described in this flyer has not been CE marked or cleared, approved, or authorized by the FDA. Consult the User's Manual for information on authorized indication, warnings, and precautions. Once approved: Testing described in this flyer will be designed and intended (i) for use by qualified and trained clinical laboratory personnel specifically instructed and trained in the techniques of real-time PCR and *in vitro* diagnostic procedures (ii) for use under the Food and Drug Administration's Emergency Use Authorization. Testing is limited to laboratories that are certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. § 263a, to perform high-complexity tests.