SARS-CoV-2 (COVID-19)/Influenza A/B

Respiratory infectious disease molecular testing specimen collection guide

Symptoms of influenza A and B, SARS-CoV-2, and multiple other respiratory pathogen infections overlap with one another, making it difficult to differentially diagnose the source of a patient's symptoms.[1] Patients infected with SARS-CoV-2 can have another viral (such as influenza), bacterial, or fungal infection at the same time. During widespread co-circulation of SARS-CoV-2 and influenza, **clinicians should consider testing patients with compatible symptoms for both viruses**.[2]

Please submit two specimens for testing. Atlanta Medical Testing Services will need one specimen for SARS-CoV-2 esting and one for the selected respiratory infection testing.

SARS-CoV-2 Testing

SARS-CoV-2 RNA, Qualitative NAAT (COVID-19) (TC 39448)
NP and AN acceptable

Respiratory Infection Testing

Influenza A and B Antigen, Immunoassay (TC 11177)
NP only acceptable

Influenza A and B, Qualitative NAAT (TC 16086)*
NP only acceptable

Respiratory Viral Panel (RVP), Qualitative NAAT (TC 95512)
NP only acceptable

Respiratory Pathogen Panel (RPP), Qualitative NAAT (TC 37444)
NP only acceptable

For More Information on Atlanta Medical Testing Services'efforts, visit *atlantamedicaltestingservices.com/covid-19-testing* or contact your Atlanta Medical Testing Services account executive

ATLANTA MEDICAL TESTING SERVICES, LLC
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** Test code 16086 requires test send out to a Quest Diagnostics laboratory and will increase turnaround time for test results.*

Acceptable molecular (NAAT) specimen transport media/swabs/kits by test code

DLO/Quest Phosphate Buffered Saline (PBS) NP and AN Swab – TC 39448 (SARS-CoV-2)
NP kit ordering information:
PeopleSoft item #: 207128
PeopleSoft product ID: K162
Kit, PBS, Quest, 100/CA
Ordered by the EA (each)

AN kit ordering information:
PeopleSoft item #: 207621
PeopleSoft product ID: K165 KIT, ANTERIOR, NARES, PBS, 4PK
Ordered by the EA (each) in multiples of 4 only. For example, ordering 8 EA results in 2 kits of 4.

VCM (Copan)[3] – TC 11177, 16086, 95512, 37444 (Flu A/B, RVP, RPP)
NP kit ordering information:
PeopleSoft item #: 142059
PeopleSoft product ID #: S05
Quanum product ID #: S05
Ordered by the EA (each)

Copan UTM[4] – TC 11177, 16086, 95512, 37444 (Flu A/B, RVP, RPP)
Combo collection kit NP, AN; 321 C
NP Collection Kit-305C
AN Collection Kit-306C
UTM medium 3 mL-330C or 3U044n
NP flocked swab-503CS501
AN flocked swab-519CS501

M4 (Fisher/Remel)[5] – TC 11177, 16086, 95512, 37444 (Flu A/B, RVP, RPP)
Contains vancomycin, amphotericin B, and colistin and is suitable for transport of viruses, Chlamydiae, Mycoplasma and Ureaplasma)

M4RT (Fisher/Remel)[5] – TC 11177, 16086, 95512, 37444 (Flu A/B, RVP, RPP)
Contains gentamicin and amphotericin B and is only suitable for transport of viruses and Chlamydiae

* 1 mL of volume may result in a Quantity Not Sufficient (QNS) if repeat testing of a specimen is needed. Therefore, 1 mL vials are not preferred and should only be used when other vials are not available.

References

1. Similarities and Differences between Flu and COVID-19 . Centers for Disease Control and Prevention. https://www.cdc.gov/flu/symptoms/flu -vs -covid19.htm. Published 2020. Accessed September 23, 2020.
2. Ten Clinical Tips on COVID-19 for Healthcare Providers Involved in Patient Care. Centers for Disease Control and Prevention. https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-tips-for-healthcare-providers.html. Accessed September 23, 2020.
3. Simplify lab-related tasks for better practice workflow. Quest Diagnostics website. Published December 2018. Accessed September 13, 2020. https://hcpenroll.questdiagnostics.com/wp-content/uploads/2018/12/NEW-Quanum-for-HCP-Website-Brochure.pdf
4. Copan increases production of UTM COVID-19 sample collection kits. Medical Supply Company Ltd website. Published March 5, 2020. Accessed March 12, 2020. https://www.medical-supply.ie/2020/03/05/copan-increases-production-of-utm/
5. Thermo Scientific Specimen Collection and Transport Solutions—US. Thermofisher catalog website. Published March 2017. Accessed March 12, 2020. https://assets.thermofisher.com/TFS-Assets/MBD/brochures/Collection-and-Transport-Solutions-Booklet(US).pdf