



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. Diagnostic Laboratory of Oklahoma (DLO) will need one specimen for SARS-CoV-2 testing 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 DLO's COVID-19 efforts, visit dlolab.com/covid-19 or contact your DLO account executive.



DIAGNOSTIC
LABORATORY
OF OKLAHOMA.

* 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

Quanam product ID #: S05

Ordered by the EA (each)



Copan UTM⁴ – 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.
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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-Quanam-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](https://assets.thermofisher.com/TFS-Assets/MBD/brochures/Collection-and-Transport-Solutions-Booklet(US).pdf)

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