

Testing Facility Name: _____ Testing Facility ID (FluSurv-NET use only): _____

Name of person responding to questions for laboratory: _____ Date: _____

Title: _____



Form Approved
OMB No. 0920-0978

FluSurv-NET Laboratory Survey 2023–2024 Season

Survey Introduction

Administer this survey to labs that serve FluSurv-NET hospitals. The questions in this survey refer to **diagnostic testing** ordered by healthcare providers for routine clinical care of **hospitalized and emergency department (ED) patients only**. All questions relate to testing performed on-site within the lab facility unless otherwise specified. If a FluSurv-NET hospital lab sends specimens to one or more labs (other than commercial or state public health labs) for clinical influenza, please have each lab complete this survey.

- Do NOT administer this survey to commercial labs or to state public health labs
- Do NOT administer this survey to labs that are not affiliated with FluSurv-NET hospitals
- Do NOT include information on testing for the purposes of EIP influenza
- Do NOT include information on testing for outpatients

This survey should take 5-10 minutes to complete. Thank you for your time!

Question

1. What is the role of the person completing this survey?

- Laboratory staff at testing facility FluSurv-NET staff

2. Please select the choice which best describes the laboratory type: (select one)

- Hospital (private/public/community) laboratory County public health laboratory
 Federal government (military, IHS, Veteran's Affairs) hospital laboratory Other (specify): _____
 University/medical school hospital laboratory

3. Does the laboratory currently (or plan to in the next year) send out specimens to be tested with the Karius Test?

- Yes No Unknown

Influenza

4. Does the laboratory perform diagnostic testing for influenza on-site?

- Yes → Answer question 5 No → Skip to question 9

5. Does the laboratory perform rapid influenza antigen diagnostic test (rapid test, RIDT)?

- Yes, pediatric patients only → Answer question 5a No, we confirm RIDT tests performed elsewhere in the hospital (such as ED) → Skip to question 6
 Yes, adult patients only → Answer question 5a No → Skip to question 6
 Yes, pediatric and adult patients → Answer question 5a

5a. Select the kit name(s) (manufacturer) for the rapid influenza antigen diagnostic test(s) performed or planned to be used at the laboratory:

(Check all that apply)

(<https://www.cdc.gov/flu/professionals/diagnosis/table-ridt.html>)

- Acuity Influenza A&B Test (Sekisui Diagnostics, LLC) CareStart Flu A&B Plus, (Access Bio, Inc.)
 BD Veritor™ System for Rapid Detection of Flu A+B (CLIA-waived), (Becton Dickinson & Co.) OSOM Ultra Plus Flu A&B Test (Sekisui Diagnostics, LLC)
 BD Veritor™ System for Rapid Detection of Flu A+B (Moderately Complex), (Becton Dickinson & Co.) QuickVue® Influenza A+B Test (Quidel Corp.)
 BD Veritor™ System for Rapid Detection of SARS-CoV-2 & Flu A+B (Becton Dickinson & Co.) SARS-CoV-2 & Flu A/B Rapid Antigen Test (Roche)
 Binax NOW® Influenza A&B Card 2 (Abbott) Sofia® Analyzer and Influenza A+B FIA (CLIA-waived) (Quidel Corp.)
 BioSign® Flu A+B or LifeSign LLC Status Flu A & B (Princeton BioMeditech Corp.) Sofia® Analyzer and Influenza A+B FIA (Quidel Corp.)
 XPECT™ Influenza A/B (Remel Inc./Thermo Fisher Scientific)
 Other, specify: _____

Public reporting burden of this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30329; ATTN: PRA (0920-0978).

6. Does the laboratory perform molecular assays (including rapid molecular, RT-PCR, RVPs) for influenza?

Yes → Answer questions 6a-6c

No → Skip to question 7

6a. Select kit name(s) (manufacturer) for all molecular assays performed or planned to be used at the laboratory: (Check all that apply)

(<https://www.cdc.gov/flu/professionals/diagnosis/table-nucleic-acid-detection.html>) **Multiplex Assays Authorized for Simultaneous Detection of Influenza Viruses and SARS-CoV-2 by FDA:** (<https://www.cdc.gov/flu/professionals/diagnosis/table-flu-covid19-detection.html>)

- | | |
|---|--|
| <input type="checkbox"/> Accula Flu A/Flu B (Mesa Biotech, Inc.) [†] | <input type="checkbox"/> FluChip-8G Influenza A+B Assay, (InDevR) [*] |
| <input type="checkbox"/> Alinity M Resp-4 Plex Assay (Abbott) [†] | <input type="checkbox"/> ID Now™ Influenza A&B (CLIA Waived), (Abbott) [†] |
| <input type="checkbox"/> Aptima SARS-CoV-2/Flu/A/B (Hologic) [†] | <input type="checkbox"/> Lyra Influenza A+B Assay, (Quidel) |
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay, (Luminex) | <input type="checkbox"/> NeuMoDX influenza A/b, RSV, and SARS-Cov-2 Vantage Assay (Qiagen) [†] |
| <input type="checkbox"/> ARIES® Flu A/B & RSV+SARS-CoV-2 Assay [†] | <input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel, (Luminex Molecular Diagnostics Inc) [†] |
| <input type="checkbox"/> BioCode® CoV-2 Flu Plus Assay (Applied BioCode Inc) [†] | <input type="checkbox"/> Nx-TAG® Respiratory Pathogen Panel + SARS-CoV-2 (Luminex Molecular Diagnostics Inc) ^{**} |
| <input type="checkbox"/> BioCode Respiratory Pathogen Panel, (Applied BioCode Inc) [*] | <input type="checkbox"/> Panther Fusion® Flu A/B RSV, (Assay Hologic) |
| <input type="checkbox"/> BioFire Pneumonia Panel (Biomerieux) | <input type="checkbox"/> Panther Fusion SARS-CoV-2/Flu A/B/RSV (Hologic) [†] |
| <input type="checkbox"/> BioFire Pneumonia plus Panel (Biomerieux) | <input type="checkbox"/> QIAstat-Dx Respiratory SARS-CoV-2 Panel (QIAGEN) ^{**} |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1 (RP2.1) (Biomerieux) ^{**} | <input type="checkbox"/> Quest Diagnostics RC COVID-19 +Flu RT-PCR, (Quest Diagnostics) [†] |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1-EZ (RP2.1-EZ) (Biomerieux) ^{**} | <input type="checkbox"/> RealStar Influenza Screen & Type RT-PCR |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza B Lineage Genotyping Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV, (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A Subtyping Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct, (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Influenza A/H5 (Asian Lineage) Virus Real-Time RT-PCR Primer and Probe Set, (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Influenza A H1N1 (2009), (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A/B Typing Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Gen II (Diasorin) [†] |
| <input type="checkbox"/> CDC Influenza SARS-CoV-2 (Flu SC2) Multiplex Assay (CDC Influenza Division) [†] | <input type="checkbox"/> Sofia 2 Flu + SARS Antigen FIA, (Quidel) ^{††} |
| <input type="checkbox"/> Cobas Liat Influenza A/B, (Roche Diagnostics) [†] | <input type="checkbox"/> Solana Influenza A+B Assay, (Quidel) |
| <input type="checkbox"/> Cobas Liat Influenza A/B & RSV, (Roche Diagnostics) [†] | <input type="checkbox"/> Solana Respiratory Viral Panel, (Quidel) |
| <input type="checkbox"/> Cobas SARS-CoV-2 & Influenza A/B (Roche Diagnostics) [†] | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex), (Luminex) [†] |
| <input type="checkbox"/> Cobas SARS-CoV-2 & Influenza A/B Nucleic Acid Test, (Roche Diagnostics) | <input type="checkbox"/> Xpert Xpress COV-2/Flu/RSV plus ^{††} |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics) ^{**†} | <input type="checkbox"/> Xpert Xpress Flu/RSV Assay, (Cepheid) [†] |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel 2, (Genmark Diagnostics) ^{**†} | <input type="checkbox"/> In-house developed PCR assay |
| | <input type="checkbox"/> Other, specify: _____ |

[†]= Rapid Molecular ^{*}= can detect subtype [‡]=Multiplex for influenza/SARS-CoV-2

6b. If more than one kit is selected above, please select the one kit that is (or will be) used most frequently for molecular assay at the laboratory during the current influenza season:

- | | |
|---|--|
| <input type="checkbox"/> Accula Flu A/Flu B (Mesa Biotech, Inc.) [†] | <input type="checkbox"/> FluChip-8G Influenza A+B Assay, (InDevR) [*] |
| <input type="checkbox"/> Alinity M Resp-4 Plex Assay (Abbott) [†] | <input type="checkbox"/> ID Now™ Influenza A&B (CLIA Waived), (Abbott) [†] |
| <input type="checkbox"/> Aptima SARS-CoV-2/Flu/A/B (Hologic) [†] | <input type="checkbox"/> Lyra Influenza A+B Assay, (Quidel) |
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay, (Luminex) | <input type="checkbox"/> NeuMoDX influenza A/b, RSV, and SARS-Cov-2 Vantage Assay (Qiagen) [†] |
| <input type="checkbox"/> ARIES® Flu A/B & RSV+SARS-CoV-2 Assay [†] | <input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel, (Luminex Molecular Diagnostics Inc) [†] |
| <input type="checkbox"/> BioCode® CoV-2 Flu Plus Assay (Applied BioCode Inc) [†] | <input type="checkbox"/> Nx-TAG® Respiratory Pathogen Panel + SARS-CoV-2 (Luminex Molecular Diagnostics Inc) ^{**} |
| <input type="checkbox"/> BioCode Respiratory Pathogen Panel, (Applied BioCode Inc) [*] | <input type="checkbox"/> Panther Fusion® Flu A/B RSV, (Assay Hologic) |
| <input type="checkbox"/> BioFire Pneumonia Panel (Biomerieux) | <input type="checkbox"/> Panther Fusion SARS-CoV-2/Flu A/B/RSV (Hologic) [†] |
| <input type="checkbox"/> BioFire Pneumonia plus Panel (Biomerieux) | <input type="checkbox"/> QIAstat-Dx Respiratory SARS-CoV-2 Panel (QIAGEN) ^{**} |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1 (RP2.1) (Biomerieux) ^{**} | <input type="checkbox"/> Quest Diagnostics RC COVID-19 +Flu RT-PCR, (Quest Diagnostics) [†] |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1-EZ (RP2.1-EZ) (Biomerieux) ^{**} | <input type="checkbox"/> RealStar Influenza Screen & Type RT-PCR |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza B Lineage Genotyping Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV, (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A Subtyping Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct, (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Influenza A/H5 (Asian Lineage) Virus Real-Time RT-PCR Primer and Probe Set, (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Influenza A H1N1 (2009), (Focus Diagnostics, 3M) |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A/B Typing Kit), (CDC Influenza Division) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Gen II (Diasorin) [†] |
| <input type="checkbox"/> CDC Influenza SARS-CoV-2 (Flu SC2) Multiplex Assay (CDC Influenza Division) [†] | <input type="checkbox"/> Sofia 2 Flu + SARS Antigen FIA, (Quidel) ^{††} |
| <input type="checkbox"/> Cobas Liat Influenza A/B, (Roche Diagnostics) [†] | <input type="checkbox"/> Solana Influenza A+B Assay, (Quidel) |
| <input type="checkbox"/> Cobas Liat Influenza A/B & RSV, (Roche Diagnostics) [†] | <input type="checkbox"/> Solana Respiratory Viral Panel, (Quidel) |
| <input type="checkbox"/> Cobas SARS-CoV-2 & Influenza A/B (Roche Diagnostics) [†] | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex), (Luminex) [†] |
| <input type="checkbox"/> Cobas SARS-CoV-2 & Influenza A/B Nucleic Acid Test, (Roche Diagnostics) | <input type="checkbox"/> Xpert Xpress COV-2/Flu/RSV plus ^{††} |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics) ^{**†} | <input type="checkbox"/> Xpert Xpress Flu/RSV Assay, (Cepheid) [†] |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel 2, (Genmark Diagnostics) ^{**†} | <input type="checkbox"/> In-house developed PCR assay |
| | <input type="checkbox"/> Other, specify: _____ |

[†]= Rapid Molecular ^{*}= can detect subtype [‡]=Multiplex for influenza/SARS-CoV-2

6c. Does the laboratory perform influenza A subtyping?

- Yes No

7a. Which influenza test method does the laboratory perform most frequently for hospitalized pediatric patients (aged 0-17 years)? (Select one)

- | | |
|--|---|
| <input type="checkbox"/> Rapid influenza antigen diagnostic test (rapid test, RIDT)
<input type="checkbox"/> Rapid Molecular assay – singleplex (influenza only) [†]
<input type="checkbox"/> Rapid Molecular assay – dualplex/multiplex [†] | <input type="checkbox"/> Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
<input type="checkbox"/> Standard Molecular assay (e.g. RT-PCR, NAAT) – dualplex/multiplex/respiratory viral panel (RVP)
<input type="checkbox"/> Not applicable (no pediatric testing) |
|--|---|

[†]=Rapid Molecular assays which provide results in <30 minutes, include, but are not limited to the following kits: IDNow™, Accula Flu A/Flu B, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B, Sofia 2 Flu + SARS Antigen FIA, Xpert Xpress

7b. Which influenza test method does the laboratory perform most frequently for hospitalized adult patients (aged ≥18 years)? (Select one)

- | | |
|--|---|
| <input type="checkbox"/> Rapid influenza antigen diagnostic test (rapid test, RIDT)
<input type="checkbox"/> Rapid Molecular assay – singleplex (influenza only) [†]
<input type="checkbox"/> Rapid Molecular assay – dualplex/multiplex [†] | <input type="checkbox"/> Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
<input type="checkbox"/> Standard Molecular assay (e.g. RT-PCR, NAAT) – dualplex/multiplex/respiratory viral panel (RVP)
<input type="checkbox"/> Not applicable (no pediatric testing) |
|--|---|

[†]=Rapid Molecular assays which provide results in <30 minutes, include, but are not limited to the following kits: IDNow™, Accula Flu A/Flu B, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B, Sofia 2 Flu + SARS Antigen FIA, Xpert Xpress

8. Based on tests that were performed during the 2022-2023 influenza season, approximately what percent of the time are each of these test types used to test for flu overall? (Answers should add to 100%)

- _____ % Other test type
 _____ % Rapid influenza antigen diagnostic test (rapid test, RIDT)
 _____ % Rapid Molecular assay – singleplex (influenza only)[†]
 _____ % Rapid Molecular assay (e.g. RT-PCR - dualplex/multiplex)[†]
 _____ % Standard Molecular assay – singleplex (influenza only)
 _____ % Standard Molecular assay) – dualplex/multiplex/respiratory viral panel (RVP)

[†]=Rapid Molecular assays which provide results in <30 minutes, include, but are not limited to the following kits: IDNow™, Accula Flu A/Flu B, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B, Sofia 2 Flu + SARS Antigen FIA, Xpert Xpress

9. Does the lab send specimens to other labs for clinical testing of influenza? (optional)

- Yes → Answer question 9a No → Skip to question 10

9a. Select all that apply: (optional)

- Commercial lab(s): List names of all labs: _____
 Public Health lab(s): List names of all labs: _____
 Other lab(s): List names of all labs: _____

10. Laboratory comments:

FluSurv-NET site use only

11. List all in - catchment FluSurv-NET hospital IDs (hosp_TX) associated with this testing facility. (Do not include names - CDC receives this info)

Hospital ID 1 (Required): _____	Hospital ID 6: _____
Hospital ID 2: _____	Hospital ID 7: _____
Hospital ID 3: _____	Hospital ID 8: _____
Hospital ID 4: _____	Hospital ID 9: _____
Hospital ID 5: _____	Hospital ID 10: _____