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

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

**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)

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

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

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

☐ Rapid influenza antigen diagnostic test (rapid test, RIDT)
☐ Rapid Molecular assay – singleplex (influenza only)†
☐ Rapid Molecular assay – dualplex/multiplex†
☐ Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
☐ Standard Molecular assay (e.g. RT-PCR, NAAT) – dualplex/multiplex/ respiratory viral panel (RVP)
☐ 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)*

☐ Rapid influenza antigen diagnostic test (rapid test, RIDT)
☐ Rapid Molecular assay – singleplex (influenza only)†
☐ Rapid Molecular assay – dualplex/multiplex†
☐ Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
☐ Standard Molecular assay (e.g. RT-PCR, NAAT) – dualplex/multiplex/ respiratory viral panel (RVP)
☐ 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:** _____