

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

Name of person completing form: \_\_\_\_\_ Date: \_\_\_\_\_



Form Approved  
OMB No. 0920-0978

## FluSurv-NET Laboratory Survey 2020–2021 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 or RSV testing, 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 or RSV surveillance
- 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

### Influenza

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

- Yes → Answer question 4  No → Skip to question 9

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

- Yes, pediatric patients only → Answer questions 4a-4b  No, we confirm RIDT tests performed elsewhere in the hospital (such as ED) → Skip to question 5  
 Yes, adult patients only → Answer questions 4a-4b  No → Skip to question 5  
 Yes, pediatric and adult patients → Answer questions 4a-4b

#### 4a. Select the kit name(s) (manufacturer) for the rapid influenza antigen diagnostic test(s) performed at the laboratory: (Check all that apply) (<https://www.cdc.gov/flu/professionals/diagnosis/table-ridt.html>)

- BD Veritor™ System for Rapid Detection of Flu A+B (CLIA-waived), (Becton Dickinson & Co.)  QuickVue® Influenza A+B Test (Quidel Corp.)  
 BD Veritor™ System for Rapid Detection of Flu A+B (Moderately Complex), (Becton Dickinson & Co.)  Sofia® Analyzer and Influenza A+B FIA (CLIA-waived) (Quidel Corp.)  
 Binax NOW® Influenza A&B Card 2 (Abbott)  Sofia® Analyzer and Influenza A+B FIA (Quidel Corp.)  
 BioSign® Flu A+B or OraSure QuickFlu Rapid A+B Test or Polymedco Poly stat Flu A&B Test or LifeSign LLC Status Flu A&B (Princeton BioMedtech Corp.)  XPECT™ Influenza A/B (Remel Inc./Thermo Fisher Scientific)  
 Other, specify: \_\_\_\_\_

#### 4b. If more than one kit is selected above, please select the one kit that is (or will be) used most frequently for rapid influenza diagnostic testing at the laboratory during the current influenza season:

- BD Veritor™ System for Rapid Detection of Flu A+B (CLIA-waived), (Becton Dickinson & Co.)  QuickVue® Influenza A+B Test (Quidel Corp.)  
 BD Veritor™ System for Rapid Detection of Flu A+B (Moderately Complex), (Becton Dickinson & Co.)  Sofia® Analyzer and Influenza A+B FIA (CLIA-waived) (Quidel Corp.)  
 Binax NOW® Influenza A&B Card 2 (Abbott)  Sofia® Analyzer and Influenza A+B FIA (Quidel Corp.)  
 BioSign® Flu A+B or OraSure QuickFlu Rapid A+B Test or Polymedco Poly stat Flu A&B Test or LifeSign LLC Status Flu A&B (Princeton BioMedtech Corp.)  XPECT™ Influenza A/B (Remel Inc./Thermo Fisher Scientific)  
 Other, specify: \_\_\_\_\_

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

- Yes → Answer questions 5a-5c  No → Skip to question 6

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).

**5a. Select kit name(s) (manufacturer) for all molecular assays performed 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"/> ID Now™ Influenza A&B (CLIA Waived), (Abbott)†  | <input type="checkbox"/> FilmArray® Respiratory Panel, EZ (BioFire Diagnostics, LLC)*                         |
| <input type="checkbox"/> Accula Flu A/Flu B (Mesa Biotech, Inc.)†  | <input type="checkbox"/> Idylla Respiratory IFV-RSV Panel, (Biocartis)*                                       |
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay, (Luminex)   | <input type="checkbox"/> IMDx Flu A/B and RSV for Abbott m2000, (IMDx)  |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1 (RP2.1) (BioFire Diagnostics, LLC)†   | <input type="checkbox"/> Lyra Influenza A+B Assay, (Quidel)   |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A/B Typing Kit4), (CDC Influenza Division) | <input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel, (Luminex Molecular Diagnostics Inc)*              |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Detection and Characterization Panel, (CDC Influenza Division)         | <input type="checkbox"/> Panther Fusion® Flu A/B RSV, (Assay Hologic)   |
| <input type="checkbox"/> CDC Influenza A/H5 (Asian Lineage) Virus Real-Time RT-PCR Primer and Probe Set, (CDC Influenza Division)          | <input type="checkbox"/> Prodesse PROFLU™, (GenProbe/Hologic)   |
| <input type="checkbox"/> CDC Influenza 2009 A(H1N1) pdm Real-Time RT-PCR Panel, (CDC Influenza Division)                                   | <input type="checkbox"/> Prodesse ProFAST™, (GenProbe/Hologic)*   |
| <input type="checkbox"/> CDC Influenza SARS-CoV-2 (Flu SC2) Multiplex Assay (CDC Influenza Division) †                                     | <input type="checkbox"/> QIAstat-Dx Respiratory SARS-CoV-2 Panel (QIAGEN)†                                    |
| <input type="checkbox"/> Cepheid Xpert Flu Assay, (Cepheid)  | <input type="checkbox"/> Silaris Influenza A & Btg, (Sekisui Diagnostic)†                                     |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay, (Cepheid)   | <input type="checkbox"/> Solana Influenza A+B Assay, (Quidel)   |
| <input type="checkbox"/> Cepheid Xpert Express Flu Assay, (Cepheid)  | <input type="checkbox"/> Simplexa™ Flu A/B & RSV, (Focus Diagnostics, 3M)                                     |
| <input type="checkbox"/> Cepheid Xpert Express Flu/RSV Assay, (Cepheid)  | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct, (Focus Diagnostics, 3M)                              |
| <input type="checkbox"/> Cobas Liat Influenza A/B, (Roche Diagnostics)†  | <input type="checkbox"/> Simplexa™ Influenza A H1N1 (2009), (Focus Diagnostics, 3M)                           |
| <input type="checkbox"/> Cobas Liat Influenza A/B & RSV, (Roche Diagnostics)†  | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test, (Nanosphere, Inc)                     |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics)*   | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+), (Luminex)                  |
| <input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP), (GenMark Diagnostics)*  | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex)*, (Luminex)               |
| <input type="checkbox"/> FilmArray® Respiratory Panel, (BioFire Diagnostics, LLC)*   | <input type="checkbox"/> x-TAG® Respiratory Viral Panel Fast (RVP FAST)*, (Luminex Molecular Diagnostics Inc) |
|  | <input type="checkbox"/> In-house developed PCR assay   |
|  | <input type="checkbox"/> Other, specify: _____  |

†= Rapid Molecular \* = can detect subtype ‡=Multiplex for influenza/SARS-CoV-2

**5b. 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"/> ID Now™ Influenza A&B (CLIA Waived), (Abbott)†  | <input type="checkbox"/> FilmArray® Respiratory Panel, EZ (BioFire Diagnostics, LLC)*                         |
| <input type="checkbox"/> Accula Flu A/Flu B (Mesa Biotech, Inc.)†  | <input type="checkbox"/> Idylla Respiratory IFV-RSV Panel, (Biocartis)*                                       |
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay, (Luminex)   | <input type="checkbox"/> IMDx Flu A/B and RSV for Abbott m2000, (IMDx)  |
| <input type="checkbox"/> BioFire Respiratory Panel 2.1 (RP2.1) (BioFire Diagnostics, LLC)†   | <input type="checkbox"/> Lyra Influenza A+B Assay, (Quidel)   |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Diagnostic Panel (Influenza A/B Typing Kit4), (CDC Influenza Division) | <input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel, (Luminex Molecular Diagnostics Inc)*              |
| <input type="checkbox"/> CDC Human Influenza Virus Real-Time RT-PCR Detection and Characterization Panel, (CDC Influenza Division)         | <input type="checkbox"/> Panther Fusion® Flu A/B RSV, (Assay Hologic)   |
| <input type="checkbox"/> CDC Influenza A/H5 (Asian Lineage) Virus Real-Time RT-PCR Primer and Probe Set, (CDC Influenza Division)          | <input type="checkbox"/> Prodesse PROFLU™, (GenProbe/Hologic)   |
| <input type="checkbox"/> CDC Influenza 2009 A(H1N1)pdm Real-Time RT-PCR Panel, (CDC Influenza Division)                                    | <input type="checkbox"/> Prodesse ProFAST™, (GenProbe/Hologic)*   |
| <input type="checkbox"/> CDC Influenza SARS-CoV-2 (Flu SC2) Multiplex Assay (CDC Influenza Division) †                                     | <input type="checkbox"/> QIAstat-Dx Respiratory SARS-CoV-2 Panel (QIAGEN)†                                    |
| <input type="checkbox"/> Cepheid Xpert Flu Assay, (Cepheid)  | <input type="checkbox"/> Silaris Influenza A & Btg, (Sekisui Diagnostic)†                                     |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay, (Cepheid)   | <input type="checkbox"/> Solana Influenza A+B Assay, (Quidel)   |
| <input type="checkbox"/> Cepheid Xpert Express Flu Assay, (Cepheid)  | <input type="checkbox"/> Simplexa™ Flu A/B & RSV, (Focus Diagnostics, 3M)                                     |
| <input type="checkbox"/> Cepheid Xpert Express Flu/RSV Assay, (Cepheid)  | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct, (Focus Diagnostics, 3M)                              |
| <input type="checkbox"/> Cobas Liat Influenza A/B, (Roche Diagnostics)†  | <input type="checkbox"/> Simplexa™ Influenza A H1N1 (2009), (Focus Diagnostics, 3M)                           |
| <input type="checkbox"/> Cobas Liat Influenza A/B & RSV, (Roche Diagnostics)†  | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test, (Nanosphere, Inc)                     |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics)*   | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+), (Luminex)                  |
| <input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP), (GenMark Diagnostics)*  | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex)*, (Luminex)               |
| <input type="checkbox"/> FilmArray® Respiratory Panel, (BioFire Diagnostics, LLC)*   | <input type="checkbox"/> x-TAG® Respiratory Viral Panel Fast (RVP FAST)*, (Luminex Molecular Diagnostics Inc) |
|  | <input type="checkbox"/> In-house developed PCR assay   |
|  | <input type="checkbox"/> Other, specify: _____  |

†= Rapid Molecular \* = can detect subtype ‡=Multiplex for influenza/SARS-CoV-2

**5c. Does the laboratory perform influenza A subtyping?**

- Yes → Answer questions 5d  No → Skip to question 6

**5d. What testing kit does the testing facility use (or will it use) most often to perform influenza A sub-typing during the current influenza season? (Select one)**

- |  |  |
|--|--|
| <input type="checkbox"/> BioFire Respiratory Panel 2.1 (RP2.1) (BioFire Diagnostics, LL)       | <input type="checkbox"/> QIAstat-Dx Respiratory SARS-CoV-2 Panel (QIAGEN)                                    |
| <input type="checkbox"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics)*               | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex), (Nanosphere, Inc)       |
| <input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP), (GenMark Diagnostics)         | <input type="checkbox"/> x-TAG® Respiratory Viral Panel Fast (RVP FAST), (Luminex Molecular Diagnostics Inc) |
| <input type="checkbox"/> FilmArray Respiratory Panel, (BioFire Diagnostics, LLC)               | <input type="checkbox"/> In-house developed PCR assay  |
| <input type="checkbox"/> Idylla Respiratory IFV-RSV Panel, (Biocartis)                         | <input type="checkbox"/> Other, specify: _____   |
| <input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel (Luminex Molecular Diagnostics Inc) |  |

**6. Does the laboratory perform any of the following additional tests to detect influenza (other than RT-PCR or RIDT)? (Check all that apply)**

- Viral culture
- Indirect fluorescent antibody (IFA) stain
- Direct fluorescent antibody (DFA) stain
- Serology (IgG or IgM)
- No

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

- Viral culture
- Indirect fluorescent antibody (IFA)/direct fluorescent antibody stain (DFA)
- Rapid influenza antigen diagnostic test (rapid test, RIDT)
- Rapid Molecular assay (e.g. RT-PCR, NAAT) – singleplex or dualplex†
- Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
- Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no pediatric testing)

†=Rapid Molecular assays include, but are not limited to the following kits: IDNow™, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B

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

- Viral culture
- Indirect fluorescent antibody (IFA)/direct fluorescent antibody stain (DFA)
- Rapid influenza antigen diagnostic test (rapid test, RIDT)
- Rapid Molecular assay (e.g. RT-PCR, NAAT) – singleplex or duplex†
- Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex (influenza only)
- Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no adult testing)

†=Rapid Molecular assays include, but are not limited to the following kits: IDNow™, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B

**8. Based on tests that were performed during the 2019-2020 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%)**

- \_\_\_\_\_ % Viral culture
- \_\_\_\_\_ % Indirect fluorescent antibody stain (IFA)/direct fluorescent antibody stain (DFA)
- \_\_\_\_\_ % Rapid influenza antigen diagnostic test (rapid test, RIDT)
- \_\_\_\_\_ % Rapid Molecular assay (e.g. RT-PCR, NAAT) – singleplex or dualplex†
- \_\_\_\_\_ % Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex or dualplex
- \_\_\_\_\_ % Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)

†=Rapid Molecular assays include, but are not limited to the following kits: IDNow™, Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Silaris Influenza A&B

**9. Does the lab send specimens to other labs for clinical testing of influenza:**

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

**9a. Select all that apply:**

- 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:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RSV**

**Question**

**11. Does the laboratory perform diagnostic testing for RSV on-site?**

- Yes → Answer question 12
- No → Answer question 11a

**11a. What are the reasons that the laboratory does not perform testing for RSV? (Select all that apply) (Then skip to Question 20)**

- Cost prohibitive
- Send out to another laboratory
- Inadequate staffing (not enough staff or lack of staff training)
- Other (specify): \_\_\_\_\_

**12. Does the laboratory perform rapid antigen detection tests (RADT)† for RSV?**

- Yes, pediatric patients only → Answer questions 12a-12b
- Yes, adult patients only → Answer questions 12a-12b
- Yes, pediatric and adult patients → Answer questions 12a-12b
- No → Skip to question 13

†=Rapid antigen detection tests includes, but is not limited to the following kits: BinaxNOW RSV Card, Clearview RSV, Quick Vue RSV Test, Sofia RSV F/A, Directigen EZ RSV Kit, TRU RSV Kit, RAMP Rapid Detection RSV Test Kit, SAS RSV Alert, Xpect RSV Test, BD Veritor System for Rapid Detection of RSV.

**12a. Select the kit name(s) (manufacturer) for the RSV rapid antigen detection test(s) performed at the laboratory: (Check all that apply)**

- BinaxNOW® RSV Card (Abott)
- Clearview® RSV (Alere Scarborough, Inc.)
- QuickVue RSV Test (Quidel Corp.)
- Sofia RSV FIA (Quidel Corp.)
- Directigen™ EZ RSV Kit (Becton-Dickinson & Co.)
- TRU RSV® Kit (Meridian Bioscience, Inc.)
- RAMP™ Rapid Detection RSV Test Kit (Response Biomedical Corp.)
- SAS™ RSVAAlert (SA Scientific, Inc.)
- Xpect™ RSV Test (Remel Inc./Thermo Fisher Scientific)
- BD Veritor System for Rapid Detection of RSV (Becton-Dickinson & Co.)
- Other, specify: \_\_\_\_\_

**12b. If more than one kit is selected above, please select the one kit that is (or will be) used most frequently for RSV rapid antigen detection testing at the laboratory during the current RSV season: (Select one)**

- |  |  |
|--|--|
| <input type="checkbox"/> BinaxNOW® RSV Card (Abott)                      | <input type="checkbox"/> RAMP™ Rapid Detection RSV Test Kit (Response Biomedical Corp.)        |
| <input type="checkbox"/> Clearview® RSV (Alere Scarborough, Inc.)        | <input type="checkbox"/> SAS™ RSVAAlert (SA Scientific, Inc.)                                  |
| <input type="checkbox"/> QuickVue RSV Test (Quidel Corp.)                | <input type="checkbox"/> Xpect™ RSV Test (Remel Inc./Thermo Fisher Scientific)                 |
| <input type="checkbox"/> Sofia RSV FIA (Quidel Corp.)                    | <input type="checkbox"/> BD Veritor System for Rapid Detection of RSV (Becton-Dickinson & Co.) |
| <input type="checkbox"/> Directigen™ EZ RSV Kit (Becton-Dickinson & Co.) | <input type="checkbox"/> Other, specify: _____   |
| <input type="checkbox"/> TRU RSV® Kit (Meridian Bioscience, Inc.)        |  |

**13. Does the laboratory perform molecular assays (e.g., RT-PCR) for RSV?**

- |  |   |
|--|---|
| <input type="checkbox"/> Yes, pediatric patients only → Answer questions 13a-13b | <input type="checkbox"/> Yes, pediatric and adult patients → Answer questions 13a-13b |
| <input type="checkbox"/> Yes, adult patients only → Answer questions 13a-13b     | <input type="checkbox"/> No → Skip to question 14                                     |

**13a. Select kit name(s) (manufacturer) for all molecular assays used at the laboratory: (Select all that apply)**

- |   |   |
|---|---|
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay (Luminex)                                     | <input type="checkbox"/> Panther Fusion™ Flu A/B RSV (Hologic)  |
| <input type="checkbox"/> Alere™ i RSV (Alere)   | <input type="checkbox"/> Prodesse PROFLU™+ (GenProbe/Hologic)   |
| <input type="checkbox"/> Cepheid GeneXpert® Infinity-48 System (Cepheid)                          | <input type="checkbox"/> Simplexa™ Flu A/B & RSV (Focus Diagnostics, 3M)                                      |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay (Cepheid)                                 | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct (Focus Diagnostics, 3M)                               |
| <input type="checkbox"/> Cepheid Xpert Xpress Flu/RSV Assay (Cepheid)                             | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test (Luminex)                              |
| <input type="checkbox"/> Cobas® Liat® Influenza A/B and RSV Assay (Roche Molecular Systems, Inc.) | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+) (Luminex)                   |
| <input type="checkbox"/> ePlex® Respiratory Pathogen Panel (GenMark Diagnostics)                  | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex) (Luminex)                 |
| <input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP) (GenMark Diagnostics)             | <input type="checkbox"/> xTAG® Respiratory Viral Panel (RVP or RVP FAST or RVP Fast v2) (Luminex Corporation) |
| <input type="checkbox"/> FilmArray Respiratory Panel (BioFire Diagnostics LLC)                    | <input type="checkbox"/> In-house developed PCR assay   |
| <input type="checkbox"/> FilmArray Respiratory Panel EZ (BioFire Diagnostics LLC)                 | <input type="checkbox"/> CDC Respiratory Syncytial Virus Real-Time RT-PCR Assay                               |
| <input type="checkbox"/> IMDx Flu A/B and RSV for Abbott m2000 (IMDx)                             | <input type="checkbox"/> Other, specify: _____  |
| <input type="checkbox"/> NxTAG® Respiratory Pathogen Panel (Luminex Molecular Diagnostics Inc.)   |   |

**13b. If more than one kit is selected above, please select the one kit that is (or will be) used most frequently for molecular assays at the laboratory during the current RSV season: (Select one)**

- |   |   |
|---|---|
| <input type="checkbox"/> ARIES® Flu A/B & RSV Assay (Luminex)                                     | <input type="checkbox"/> Panther Fusion™ Flu A/B RSV (Hologic)  |
| <input type="checkbox"/> Alere™ i RSV (Alere)   | <input type="checkbox"/> Prodesse PROFLU™+ (GenProbe/Hologic)   |
| <input type="checkbox"/> Cepheid GeneXpert® Infinity-48 System (Cepheid)                          | <input type="checkbox"/> Simplexa™ Flu A/B & RSV (Focus Diagnostics, 3M)                                      |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay (Cepheid)                                 | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct (Focus Diagnostics, 3M)                               |
| <input type="checkbox"/> Cepheid Xpert Xpress Flu/RSV Assay (Cepheid)                             | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test (Luminex)                              |
| <input type="checkbox"/> Cobas® Liat® Influenza A/B and RSV Assay (Roche Molecular Systems, Inc.) | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+) (Luminex)                   |
| <input type="checkbox"/> ePlex® Respiratory Pathogen Panel (GenMark Diagnostics)                  | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex) (Luminex)                 |
| <input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP) (GenMark Diagnostics)             | <input type="checkbox"/> xTAG® Respiratory Viral Panel (RVP or RVP FAST or RVP Fast v2) (Luminex Corporation) |
| <input type="checkbox"/> FilmArray Respiratory Panel (BioFire Diagnostics LLC)                    | <input type="checkbox"/> In-house developed PCR assay   |
| <input type="checkbox"/> FilmArray Respiratory Panel EZ (BioFire Diagnostics LLC)                 | <input type="checkbox"/> CDC Respiratory Syncytial Virus Real-Time RT-PCR Assay                               |
| <input type="checkbox"/> IMDx Flu A/B and RSV for Abbott m2000 (IMDx)                             | <input type="checkbox"/> Other, specify: _____  |
| <input type="checkbox"/> NxTAG® Respiratory Pathogen Panel (Luminex Molecular Diagnostics Inc.)   |   |

**14. Does the laboratory perform any of these additional tests to detect RSV (apart from rapid antigen detection tests and molecular assays) for pediatric patients (aged 0–17 years)? (Select all that apply)**

- |  |  |
|--|--|
| <input type="checkbox"/> Viral culture                             | <input type="checkbox"/> Serology (IgG or IgM)                 |
| <input type="checkbox"/> Indirect fluorescent antibody (IFA) stain | <input type="checkbox"/> No                                    |
| <input type="checkbox"/> Direct fluorescent antibody (DFA) stain   | <input type="checkbox"/> Not applicable (no pediatric testing) |

**15. Does the laboratory perform any of these additional tests to detect RSV (apart from rapid antigen detection tests and molecular assays) for adult patients (aged ≥ 18 years)? (Select all that apply)**

- |  |  |
|--|--|
| <input type="checkbox"/> Viral culture                             | <input type="checkbox"/> Serology (IgG or IgM)             |
| <input type="checkbox"/> Indirect fluorescent antibody (IFA) stain | <input type="checkbox"/> No                                |
| <input type="checkbox"/> Direct fluorescent antibody (DFA) stain   | <input type="checkbox"/> Not applicable (no adult testing) |

**16. Which RSV test method does the laboratory perform most frequently for pediatric patients (aged 0–17 years)? (Select one)**

- |  |  |
|--|--|
| <input type="checkbox"/> Viral culture   | <input type="checkbox"/> Molecular assay (e.g. RT-PCR, NAAT) – singleplex (RSV only)                   |
| <input type="checkbox"/> Indirect fluorescent antibody stain (IFA)/direct fluorescent antibody stain (DFA) | <input type="checkbox"/> Molecular assay (e.g. RT-PCR, NAAT) – dualplex (RSV/influenza)                |
| <input type="checkbox"/> Serology (IgG or IgM)   | <input type="checkbox"/> Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP) |
| <input type="checkbox"/> Rapid antigen detection test (rapid test, RADT)†                                  | <input type="checkbox"/> Not applicable (no pediatric testing)   |

†Rapid antigen detection tests includes, but is not limited to the following kits: BinaxNOW RSV Card, Clearview RSV, Quick Vue RSV Test, Sofia RSV F/A, Directigen EZ RSV Kit, TRU RSV Kit, RAMP Rapid Detection RSV Test Kit, SAS RSV Alert, Xpect RSV Test, BD Veritor System for Rapid Detection of RSV.

**17. Which RSV test method does the laboratory perform most frequently for adult patients (aged ≥ 18 years)? (Select one)**

- Viral culture
- Indirect fluorescent antibody stain (IFA)/direct fluorescent antibody stain (DFA)
- Serology (IgG or IgM)
- Rapid antigen detection test (rapid test, RADT)<sup>†</sup>
- Molecular assay (e.g. RT-PCR, NAAT) – singleplex (RSV only)
- Molecular assay (e.g. RT-PCR, NAAT) – dualplex (RSV/influenza)
- Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no adult testing)

<sup>†</sup>Rapid antigen detection tests includes, but is not limited to the following kits: BinaxNOW RSV Card, Clearview RSV, Quick Vue RSV Test, Sofia RSV F/A, Directigen EZ RSV Kit, TRU RSV Kit, RAMP Rapid Detection RSV Test Kit, SAS RSV Alert, Xpect RSV Test, BD Veritor System for Rapid Detection of RSV.

**18. Based on tests that were performed during the 2019-2020 RSV season, approximately what percent of the time are each of these test types used to test for RSV in pediatric patients (aged 0-17) years? (Answers should add to 100%)**

- \_\_\_\_\_ % Viral culture
- \_\_\_\_\_ % Indirect fluorescent antibody stain (IFA)/direct fluorescent antibody stain (DFA)
- \_\_\_\_\_ % Serology (IgG or IgM)
- \_\_\_\_\_ % Rapid antigen detection test (rapid test, RADT)<sup>†</sup>
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – singleplex (RSV only)
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – dualplex (RSV/influenza)
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no pediatric testing)

<sup>†</sup>Rapid antigen detection tests includes, but is not limited to the following kits: BinaxNOW RSV Card, Clearview RSV, Quick Vue RSV Test, Sofia RSV F/A, Directigen EZ RSV Kit, TRU RSV Kit, RAMP Rapid Detection RSV Test Kit, SAS RSV Alert, Xpect RSV Test, BD Veritor System for Rapid Detection of RSV.

**19. Based on tests that were performed during the 2019-2020 RSV season, approximately what percent of the time are each of these test types used to test for RSV in adult patients (aged ≥ 18 years)? (Answers should add to 100%)**

- \_\_\_\_\_ % Viral culture
- \_\_\_\_\_ % Indirect fluorescent antibody stain (IFA)/direct fluorescent antibody stain (DFA)
- \_\_\_\_\_ % Serology (IgG or IgM)
- \_\_\_\_\_ % Rapid antigen detection test (rapid test, RADT)<sup>†</sup>
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – singleplex (RSV only)
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – dualplex (RSV/influenza)
- \_\_\_\_\_ % Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no adult testing)

<sup>†</sup>Rapid antigen detection tests includes, but is not limited to the following kits: BinaxNOW RSV Card, Clearview RSV, Quick Vue RSV Test, Sofia RSV F/A, Directigen EZ RSV Kit, TRU RSV Kit, RAMP Rapid Detection RSV Test Kit, SAS RSV Alert, Xpect RSV Test, BD Veritor System for Rapid Detection of RSV.

**20. Does the lab send specimens to other labs for clinical testing of RSV:**

- Yes → Answer question 20a
- No → Skip to question 21

**20a. Select all that apply:**

- 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: \_\_\_\_\_

**21. Laboratory comments:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**FluSurv-NET site use only**

**22. 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: \_\_\_\_\_

**End of survey. Thank you for participating in this survey!**