

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 2019–2020 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!

Common Abbreviations: RT-PCR=Reverse Transcriptase PCR, NAAT=Nucleic acid amplification test, RVP=Respiratory Viral Panel

Question	
1. What is the role of the person completing this survey?	
<input type="checkbox"/> Laboratory staff at testing facility	<input type="checkbox"/> FluSurv-NET staff
2. Please select the choice which best describes the laboratory type: (select one)	
<input type="checkbox"/> Hospital (private/public/community) laboratory	<input type="checkbox"/> County public health laboratory
<input type="checkbox"/> Federal government (military, IHS, Veteran's Affairs) hospital laboratory	<input type="checkbox"/> Other (specify): _____
<input type="checkbox"/> University/medical school hospital laboratory	
Influenza	
3. Does the laboratory perform diagnostic testing for influenza on-site?	
<input type="checkbox"/> Yes → Answer question 4	<input type="checkbox"/> No → Skip to question 9
4. Does the laboratory perform rapid influenza antigen diagnostic test (rapid test, RIDT)?	
<input type="checkbox"/> Yes, pediatric patients only → Answer questions 4a-4b	<input type="checkbox"/> No, we confirm RIDT tests performed elsewhere in the hospital (such as ED) → Skip to question 5
<input type="checkbox"/> Yes, adult patients only → Answer questions 4a-4b	<input type="checkbox"/> No → Skip to question 5
<input type="checkbox"/> 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)	
<input type="checkbox"/> BD Veritor™ System for Rapid Detection of Flu A+B (CLIA-waived), (Becton Dickinson & Co.)	<input type="checkbox"/> QuickVue® Influenza A+B Test (Quidel Corp.)
<input type="checkbox"/> BD Veritor™ System for Rapid Detection of Flu A+B (Moderately Complex), (Becton Dickinson & Co.)	<input type="checkbox"/> Sofia® Analyzer and Influenza A+B FIA (CLIA-waived) (Quidel Corp.)
<input type="checkbox"/> Binax NOW® Influenza A&B Card 2 (Abbott)	<input type="checkbox"/> Sofia® Analyzer and Influenza A+B FIA (Quidel Corp.)
<input type="checkbox"/> 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.)	<input type="checkbox"/> XPECT™ Influenza A/B (Remel Inc./Thermo Fisher Scientific)
	<input type="checkbox"/> Other, specify: _____
4b. If more than one kit is selected above, please select the <u>one</u> kit that is (or will be) used most frequently for rapid influenza diagnostic testing at the laboratory during the current influenza season:	
<input type="checkbox"/> BD Veritor™ System for Rapid Detection of Flu A+B (CLIA-waived), (Becton Dickinson & Co.)	<input type="checkbox"/> QuickVue® Influenza A+B Test (Quidel Corp.)
<input type="checkbox"/> BD Veritor™ System for Rapid Detection of Flu A+B (Moderately Complex), (Becton Dickinson & Co.)	<input type="checkbox"/> Sofia® Analyzer and Influenza A+B FIA (CLIA-waived) (Quidel Corp.)
<input type="checkbox"/> Binax NOW® Influenza A&B Card 2 (Abbott)	<input type="checkbox"/> Sofia® Analyzer and Influenza A+B FIA (Quidel Corp.)
<input type="checkbox"/> 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.)	<input type="checkbox"/> XPECT™ Influenza A/B (Remel Inc./Thermo Fisher Scientific)
	<input type="checkbox"/> Other, specify: _____
5. Does the laboratory perform molecular assays (including rapid molecular, RT-PCR, RVPs) for influenza?	
<input type="checkbox"/> Yes → Answer questions 5a-5c	<input type="checkbox"/> 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>)

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

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

5c. Does the laboratory perform influenza A subtyping?

- | | |
|--|--|
| <input type="checkbox"/> Yes → Answer questions 5d | <input type="checkbox"/> 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"/> ePlex Respiratory Pathogen Panel (GenMark Diagnostics)
<input type="checkbox"/> eSensor® Respiratory Viral Panel (RVP), (GenMark Diagnostics)
<input type="checkbox"/> FilmArray Respiratory Panel, (BioFire Diagnostics, LLC)
<input type="checkbox"/> Idylla Respiratory IFV-RSV Panel, (Biocartis)
<input type="checkbox"/> Nx-TAG Respiratory Pathogen Panel (Luminex Molecular Diagnostics Inc)
<input type="checkbox"/> Prodesse ProFAST™, (GenProbe/Hologic) | <input type="checkbox"/> Verigene® Respiratory Pathogen Nucleic Acid Test (RP Flex), (Nanosphere, Inc)
<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: _____ |
|---|---|

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 diagnostic test (rapid test, RIDT)
- Rapid Molecular assay – singleplex or duplex†
- Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex or duplex
- Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no pediatric testing)

†=Rapid Molecular assays include following kits: IDNow™ Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Accula Flu A/Flu B, 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 diagnostic test (rapid test, RIDT)
- Rapid Molecular assay – singleplex or duplex†
- Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex or duplex
- Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)
- Not applicable (no adult testing)

†=Rapid Molecular assays include the following kits: IDNow™ Cobas® Liat Influenza A/B Assay, Cobas® Liat Influenza A/B & RSV Assay, Accula Flu A/Flu B, Silaris Influenza A&B

8. Based on tests that were performed during the 2018-2019 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 diagnostic test (rapid test, RIDT)
- _____ % Rapid Molecular assay – singleplex or duplex†
- _____ % Standard Molecular assay (e.g. RT-PCR, NAAT) – singleplex or duplex
- _____ % Standard Molecular assay (e.g. RT-PCR, NAAT) – multiplex/respiratory viral panel (RVP)

†=Rapid Molecular assays include, but is 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: _____

12. 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™ RSVALert (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"/> Simplexa™ Flu A/B & RSV (Focus Diagnostics, 3M) |
| <input type="checkbox"/> Alere™ i RSV (Alere) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct (Focus Diagnostics, 3M) |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay (Cepheid) | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test (Luminex) |
| <input type="checkbox"/> Cepheid Xpert Xpress Flu/RSV Assay (Cepheid) | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+) (Luminex) |
| <input type="checkbox"/> Cobas® Liat® Influenza A/B and RSV Assay (Roche Molecular Systems, Inc.) | <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"/> 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"/> 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"/> Prodesse PROFLU™+ (GenProbe/Hologic) | |

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"/> Simplexa™ Flu A/B & RSV (Focus Diagnostics, 3M) |
| <input type="checkbox"/> Alere™ i RSV (Alere) | <input type="checkbox"/> Simplexa™ Flu A/B & RSV Direct (Focus Diagnostics, 3M) |
| <input type="checkbox"/> Cepheid Xpert Flu/RSV XC Assay (Cepheid) | <input type="checkbox"/> Verigene® Respiratory Virus Nucleic Acid Test (Luminex) |
| <input type="checkbox"/> Cepheid Xpert Xpress Flu/RSV Assay (Cepheid) | <input type="checkbox"/> Verigene® Respiratory Virus Plus Nucleic Acid Test (RV+) (Luminex) |
| <input type="checkbox"/> Cobas® Liat® Influenza A/B and RSV Assay (Roche Molecular Systems, Inc.) | <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"/> 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"/> 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"/> Prodesse PROFLU™+ (GenProbe/Hologic) | |

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)

- | | |
|--|--|
| <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 adult 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.

18. Based on tests that were performed during the 2018-2019 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)[†]
- _____ % 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)

[†]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 2018-2019 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)[†]
- _____ % 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)

[†]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!