

# This is an official Oklahoma Health Alert Network Health Advisory

The Oklahoma State
Department of Health
(OSDH) Acute Disease
Service (ADS) is now
using 4 types of
documents to provide
important information to
medical and public health
professionals, and to
other interested persons:

## Categories of Health Alert messages:

#### **Health Alert**

Provides vital, timesensitive information for a specific incident or situation; warrants immediate action or attention by health officials, laboratorians, clinicians, and members of the public and conveys the highest level of importance.

#### **Health Advisory**

Provides important information for a specific incident or situation; contains recommendations or actionable items to be performed by public health officials, laboratorians, and/or clinicians; may not require immediate action.

#### **Health Update**

Provides updated information regarding an incident or situation; unlikely to require immediate attention.

#### Health Info/Event

Provides general public health information; unlikely to require immediate action. March 24, 2020 OKHAN\_307--2020\_03-24 ADV-N

Reference: N/A

Physicians can order a COVID-19 test (for patients meeting the testing criteria noted) by following the below procedure for submission to the OSDH PHL:

**Process to Order a COVID-19 Test** 

<u>without PUI, Screening Template, and Lab</u>

<u>Requisition Forms will be UNSAT for testing.</u>

### **Summary Points**

- National shortage of nylon nasopharyngeal swabs
- PUI Form
- Process to order COVID-19 Test
- Testing Criteria at PHL
- PHL Requisition Form
- Script for Provider Evaluation
- Complete the OSDH PHL Test Requisition Form (ODH 419).
  - a. Accessible in PHOCIS and PHIDDO. Also, a hardcopy or fillable copy is available at http://phl.health.ok.gov (Forms).
  - b. Information on the form must match identifiers used to label the specimen.
- 2. Review the Guidelines for Shipping Clinical Specimens Classified as a Biological Substance. Double-bag specimens or place in Category B box, as available.
- 3. Submit specimen as follows:
  - a. Hospitals and county health departments with routine OSDH PHL contracted courier service: Submit specimens using the regular courier service currently provided to your facility.
  - b. Other sites: Submit specimens to your local county health department.
    - Please, contact the county health department ahead of time to make sure the facility is open.
    - Submit ONE swab in viral transport medium (VTM), universal transport medium (UTM), M4 or equivalent.

**Note**: While the FDA has indicated that liquid Amies-based transport media (e.g., Copan E-Swab or Puritan Opti-Swab systems) or a dry swab in sterile saline could be used to collect and transport samples for COVID-19 testing, neither the CDC or the OSDH PHL have verified the performance characteristics of these collection devices. **Therefore, until further guidance from the CDC is provided, the OSDH PHL cannot accept these specimens for use in the CDC test.** 



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#### **Hardcopy Requisition**

- In the lower right-hand corner of the form, checkmark the "Other" box and handwrite "Coronavirus" or "COVID-19" or "SARS-CoV-2" or "2019 nCoV" in the blank space.
- Checkmark the "Naspharynx" box in the Specimen Information section of the form.

Coronavirus is not currently listed on the hardcopy PHL test requisition. What test should be ordered?

#### Fillable Requisition

This form has been updated to include a Coronavirus-2019 selection.

#### **Additional Forms**

Complete and submit the submit the Human Infection with 2019 Novel Coronavirus Person Under Investigation (PUI) and Case Report Form and the Screening Template for COVID-19 Testing at the OSDH Public Health Laboratory (see attached) to ensure the testing criteria are met.

Due to the widescale shortages of laboratory supplies and reagents, hospitals should use private laboratories for COVID-19 testing.

#### **COVID-19 Testing Criteria at the OSDH PHL**

Clinicians should use their judgment to determine if a patient has signs and symptoms compatible with COVID-19 and whether the patient should be tested. **Only submit specimens for patients who present with** 

Fever (at least 100.4°F) <u>AND</u> symptoms of acute respiratory illness (e.g., cough, difficulty breathing),

#### **AND** one of the following:

- Hospitalized patients who have signs and symptoms compatible with COVID-19 and other respiratory illnesses have been ruled-out in order to inform decisions related to infection control.
- Other symptomatic individuals at higher risk for poor outcomes, including those who are ≥ 65 years, immunocompromised or have chronic medical conditions (e.g., diabetes, heart disease, receiving immunosuppressive medications, chronic lung disease, chronic kidney disease).



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 Suspected outbreak of COVID-19 among associated individuals with recent onset of similar fever and lower respiratory symptoms. Please, contact the OSDH Acute Disease Service at (405) 271-4060 to report suspected outbreaks.

- Suspect COVID-19 in a patient associated with a high-risk exposure setting such as a long-term care facility.
- Patients, including healthcare personnel, who within 14 days of symptom onset had close contact with a suspect or laboratory-confirmed COVID-19 patient.

Additional Laboratories Conducting COVID-19 Testing (Listing of laboratories is not exhaustive nor an indication of endorsement):

Clinical Pathology Laboratories: <a href="https://www.cpllabs.com/clinicians/coronavirus-disease-covid-19/">https://www.cpllabs.com/clinicians/coronavirus-disease-covid-19/</a>

DLO/Quest Diagnostics: <a href="https://www.dlolab.com/covid-19">https://www.dlolab.com/covid-19</a>

LabCorp: <a href="https://www.labcorp.com/information-labcorp-about-coronavirus-disease-2019-covid-19">https://www.labcorp.com/information-labcorp-about-coronavirus-disease-2019-covid-19</a>

Mayo Clinic: <a href="https://www.mayocliniclabs.com/test-catalog/Overview/75578">https://www.mayocliniclabs.com/test-catalog/Overview/75578</a>

Regional Medical Laboratory: http://www.rmlonline.com/site/sections/705

If healthcare provider staff do not currently receive the Oklahoma Health Alert Network (OK-HAN) notifications, please advise personnel to contact <a href="https://oklahoma.com/OKHAN@health.ok.gov">OKHAN@health.ok.gov</a> for access or by calling the ADS and asking for the OK-HAN Coordinator.

#### References

- Oklahoma Acute Disease COVID-19 web page: <a href="https://coronavirus.health.ok.gov/">https://coronavirus.health.ok.gov/</a>
- https://www.cdc.gov/coronavirus/2019-ncov/index.html

## This message has been distributed to Primary Care and Infectious Disease

Physicians, Infection Preventionists, Laboratorians, Urgent Care Centers, Emergency

Departments, and State and Local Health Officials ##

CDC 2019-nCoV ID		Form A	pproved: OMB: 0920-1011 Exp. 4/23/2020
РАТІЕ	NT IDENTIFIER INFORMA	ATION IS NOT TRANSMITTED TO CDC	
Patient First Name Patient	Last Name	Date of Birth (MM/[	DD/YYYY):/
Patient Physical Address:		Patient Phone	#:
PATIERPATIER	NT IDENTIFIER INFORMA	ATION IS NOT TRANSMITTED TO CDC	
Human	Infection wi	ith 2019 Novel Corona	avirus
Person Under	<sup>·</sup> Investigation	on (PUI) and Case Re	port Form
Reporting jurisdiction:  Reporting health department:  Contact ID <sup>a</sup> :  a. Only complete if case-patient is a known contact of prior source case-potent is capacity in the contact of prior source case-potent is capacity in the contact of prior source case-potent is a known contact of prior source case-potent in the contact of prior source case-potent in th	CDC NND atient. Assign Contact ID using C	state/local ID:  2019-nCoV ID:  SS loc. rec. ID/Case ID b:  DC 2019-nCoV ID and sequential contact ID, e.g., Confirm	red case CA102034567 has contacts CA102034567 -01 and
Interviewer information	dentanci.		
Name of interviewer: Last	First		
Affiliation/Organization:	Telephor	ne Email	
Basic information         What is the current status of this person?         □ PUI, testing pending*         □ Laboratory-confirmed case         * Testing performed by state, local, or CDC lab.         Report date of PUI to CDC (MM/DD/YYYY):         □ J         Report date of case to CDC (MM/DD/YYYY):         □ J         County of residence:         State of residence:         State of residence:         □ Asian       □ American Indian/         □ Black       □ Native Hawaiian/         □ White       □ Unknown         □ Other, specify:       □ Age         Age	Ethnicity:  Hispanic/Latino Non-Hispanic/ Latino Not specified  Sex: Male Female Unknown Other  /Alaska Native Other Pacific Islander	Date of first positive specimen collection (MM/DD/YYYY):	Was the patient hospitalized?  Yes No Unknown  If yes, admission date 1  /// (MM/DD/YYYY)  If yes, discharge date 1  /// (MM/DD/YYYY)  Was the patient admitted to an intensive care unit (ICU)?  Yes No Unknown  Did the patient receive mechanical ventilation (MV)/intubation?  Yes No Unknown  If yes, total days with MV (days)  Did the patient receive ECMO?  Yes No Unknown  Did the patient die as a result of this illness?  Yes No Unknown  Date of death (MM/DD/YYYY):  //// Unknown date of death
Symptoms present during course of illness: Symptomatic Asymptomatic Unknown  Is the patient a health care worker in the United States?	Still symptomatic Symptoms resolv	of symptom resolution (MM/DD/YYYY):  Unknown symptom status ed, unknown date	
coronavirus/2019-ncov/travelers/index.html Any h Specify site(s): lab-co	munity contact with ano onfirmed COVID-19 case lealthcare contact with a onfirmed COVID-19 case Patient  Visitor  (all exposure	ther	other COVID-19 case, was this person a U.S.

☐ Unknown ☐ Other, specify:



CDC 2019-nCoV ID:	

Form Approved: OMB: 0920-1011 Exp. 4/23/2020

# Human Infection with 2019 Novel Coronavirus Person Under Investigation (PUI) and Case Report Form

Symptoms, clinical course, past medical history and social history

Collected from (check all that apply): Patient interview Medical rec	cord review
During this illness, did the patient experience any of the following symptom	ns? Symptom Present?
Fever >100.4F (38C) <sup>c</sup>	Yes No Unk
Subjective fever (felt feverish)	Yes No Unk
Chills	☐Yes ☐No ☐Unk
Muscle aches (myalgia)	Yes No Unk
Runny nose (rhinorrhea)	Yes No Unk
Sore throat	Yes No Unk
Cough (new onset or worsening of chronic cough)	Yes No Unk
Shortness of breath (dyspnea)	☐Yes ☐No ☐Unk
Nausea or vomiting	Yes No Unk
Headache	Yes No Unk
Abdominal pain	Yes No Unk
Diarrhea (≥3 loose/looser than normal stools/24hr period)	Yes No Unk
Other, specify:	
Pre-existing medical conditions?	Yes No Unknown
Chronic Lung Disease (asthma/emphysema/COPD) Yes No Unk	known
Diabetes Mellitus Yes No Unk	known
Cardiovascular disease	known
Chronic Renal disease	known
Chronic Liver disease Yes No Unk	known
Immunocompromised Condition	known
Neurologic/neurodevelopmental/intellectual Yes No Unk	known (If YES, specify)
disability	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Other chronic diseases	known (If YES, specify)
If female, currently pregnant	known
Current smoker Yes No Dunk	known
Former smoker Yes No Unk	known
	<u> </u>
Respiratory Diagnostic Testing Specimens	for COVID-19 Testing
Test Pos Neg Pend. Not Specimer	n Specimen Date State Lab State Lab Sent to CDC Lab
done Type	ID Collected Tested Result CDC Result
Influenza rapid Ag □ A □ B □ □ □ □ NP Swab	
Influenza PCR	
RSV Sputum	
H. metapneumovirus	
Parainfluenza (1-4)	
Adenovirus	
Rhinovirus/enterovirus	
Coronavirus (OC43, 229E,	
HKU1, NL63)	
	LOCATION FOR SPECIMEN PICK UP:
C. pneumoniae	
Other, Specify:	
<u> </u>	
Additional State/local Specimen IDs:	

## Oklahoma State Department of Health Public Health Laboratory

## Healthcare Provider Guidance for Evaluation and Testing for COVID-19 March 24, 2020

#### **Specimen Submission Criteria**

There is a national shortage of COVID-19 test kits and reagents. To make the best use of laboratory testing resources, please only submit specimens to the OSDH PHL that are <u>compatible with the criteria indicated in this OK-HAN</u>. The OSDH PHL will <u>not</u> test specimens for patients who do not meet these criteria; these specimens will be unsat for testing.

Clinicians should submit specimens for patients who do not meet the criteria to a commercial laboratory that provides SARS-CoV-2 testing (e.g., LabCorp, Quest, Clinical Pathology Laboratories or any reference laboratory your facility uses). Please, contact these commercial laboratories to find out the correct process for submission of specimens for testing.

#### **Collection of Swab Specimens**

Refer to Interim Guidelines for Collecting, Handling, and Testing Clinical Specimens from Persons for Coronavirus Disease (COVID-2019) <a href="https://www.cdc.gov/coronavirus/2019-ncov/guidelines-clinical-specimens.html">https://www.cdc.gov/coronavirus/2019-ncov/guidelines-clinical-specimens.html</a>

- For initial COVID-19 diagnostic testing, CDC currently recommends collection of a single upper respiratory **nasopharyngeal (NP) swab** only.
  - **Note**: Collection of oropharyngeal swabs (OP) is a lower priority and if collected should be combined in the same tube as the NP. Collection of only OP swab is acceptable if other swabs are not available.
  - To conserve testing supplies and reagents, please use only a single swab per patient.
- Submit ONE swab in viral transport medium (VTM), universal transport medium (UTM), M4 or equivalent.
  - **Note**: While the FDA has indicated that liquid Amies-based transport media (e.g., Copan E-Swab or Puritan Opti-Swab systems) or a dry swab in sterile saline could be used to collect and transport samples for COVID-19 testing, neither the CDC or the OSDH PHL have verified the performance characteristics of these collection devices. Therefore, until further guidance from the CDC is provided, the OSDH PHL cannot accept these specimens for use in the CDC test.
  - NP swab collection kits may be available at your local county health department. Please, call ahead to make sure they have supplies. Currently, these kits are available in limited numbers and must only be used for COVID-19 testing at the OSDH PHL.
- Specimens should be collected using only swabs with a synthetic fiber tip (e.g., nylon, Rayon, Dacron), and a plastic or aluminum shaft. Calcium alginate swabs are unacceptable and cotton swabs with wooden shafts are not recommended.
- **Collection**: Follow specimen collection device manufacturer instructions for proper collection or use the steps indicated below.

- a. Label a sterile transport tube containing 2-3 mL of VTM, UTM, M4 or equivalent with the patient's name, one other patient-specific identifier and the date of collection.
- b. If the nasal passages have a large amount of mucus, ask the patient to blow their nose before collecting the specimen.
- c. With the thumb of one hand, gently elevate the tip of the patient's nose, and then gently insert the NP swab into the nostril.
- d. Guide the swab backward and upward along the nasal septum until a distinct resistance is met, hold it there for a few seconds then with a rotating motion, gently remove it.
- e. Immediately, place swab in the labeled viral transport tube.
- f. Break-off or cut excess shaft of the swab so that the tube can be capped; swab must be present in transport medium to be acceptable for testing.
- g. Secure the cap of the tube with Parafilm to prevent leakage during transport.
- **Storage:** Store specimens at 2-8°C for up to 72 hours after collection. If a delay in testing or shipping is expected, store specimens at -70°C or below.

#### Forms:

- a. Complete the OSDH PHL Test Requisition Form (ODH 419).
  - Accessible in PHOCIS and PHIDDO. Also, a hardcopy is available at http://phl.health.ok.gov (Forms).
  - Information on the form must match identifiers used to label the specimen.
- b. Complete a Human Infection with 2019 Novel Coronavirus Person Under Investigation (PUI) and Case Report Form to ensure the testing criteria are met.

#### • Submission to the OSDH PHL:

- 1. Review the Guidelines for Shipping Clinical Specimens Classified as a Biological Substance. Double-bag specimens or place in Category B box, as available.
- 2. Submit specimen together with requisition form and PUI form as follows:
  - a. Hospitals and county health departments with routine OSDH PHLcontracted courier service: Submit using the regular courier service currently provided to your facility.
  - b. **Other sites**: Submit to your local county health department. Please, contact the county health department ahead of time to make sure the facility is open.

#### Reporting

Test results will be issued to the submitter via US Mail, fax (if the submitter has not received test results from the OSDH PHL before, they will need to complete and submit a *Fax Verification Form* at the time of submission – see attached), or PHOCIS (for county health department submissions only).

If clinicians have questions regarding these priority criteria, please call the OSDH Acute Disease Service at (405) 271-4060.



## Oklahoma State Department of Health Public Health Laboratory

1000 N.E. 10<sup>th</sup> Street, Oklahoma City, OK 73117-1299 Tel: (405)271-5070; Fax: (405)271-4850

Email: <a href="mailto:PublicHealthLab@health.ok.gov">PublicHealthLab@health.ok.gov</a>
Test Directory: <a href="mailto:http://phl.health.ok.gov">http://phl.health.ok.gov</a>

Laboratory Director: S. Terence Dunn, PhD

CLIA #: 37D0656594

Please, PRINT; \*indicates required fields

Patient Information							
Name* (last)	(first)			(initial)	DOB*_	/	_/
Address			City _		State	Zip	
Sex:* □ M □ F							
Ethnicity:  Hispanic/Latino Race:  White (mark all applicable)	<ul><li>□ Non-Hispanic/Non-Latino</li><li>□ Black/African American</li><li>□ Native Hawaiian/Other Pa</li></ul>	Asian		☐ American India☐ Other	an/ Alaska N	lative	
Submitter Information							
Practitioner Name* (last)	(f	irst)		(initial)	NPI		
Facility Name*		_ Phone # (	)	- Fax	# ( )	-	
Address*			City*		State _	Zip*	
Clinical Information							
Diagnosis				Onse	t (mm-dd-yy)	n / _	/
Antibiotics (list and start dates)							
Specimen Information							
Collection Date (mm-dd-yyy)*/	/ Time (hour:mi	inute)	AN	/I / РМ Ву			
Source/Type*(check one only)  □ Blood □ Serum □ Ur □ Sputum, expect. □ Sputum, induce □ Nasopharynx □ Oropharynx □ Tissue (specify): □ Cultured isolate (specify suspect agente of the content of the co	☐ Nasal wash ☐ Eye	☐ Bronchial v	wash l nus l sion (spe	☐ Bronchoalveo☐ Vagina cify):	lar lavage 🏻	☐ Blood sn☐ Trachea☐ Cervix	
Test Request (mark one only)							
Bacteriology  □ Bacterial isolate, identification/sero Variable specimen according to source (cont □ Bacteria, non-enteric, isolation and Variable specimen according to source (cont □ Enteric pathogens, isolation and ide Feces, 2 g or 5-10 mL in Cary Blair or GN Brot □ Bordetella  Nasopharynx, 1 or 2 swabs; Isolate, confirme □ Chlamydia/Gonorrhea  Urine, first 20-60 mL of void – transfer to UP vaginal specimen transport device  □ Group B streptococcus  Vaginal/anal swab in LIM broth (combined value)  □ Syphilis, serology (reverse algorithm Serum in SST, 2 mL  □ Bacteria, environmental (contact lab)	identification identification iact lab; requires pre-approval) entification th (STEC only) visible growth T tube; Vaginal swab, use only BD aginal/anal collection preferred)	Serum, 2 Serum ir HIV-1/2 Serum ir Human Residual Influen Nasopha Respira Nasopha Respira Nasopha West N Serum ir Zika vir Serum ir	2 mL (appr 2 antiger 5 sst, 2 ml papillor ThinPrep, za virus ryngeal (p tory Pat ryngeal sv a antibod 5 sst, 1 mL ile virus, n sst, 2 ml us, chiku n sst, 2 ml niotic fluid	A and B referred), nasal or tl hogen Panel vab, 1 or 2 in VTM, o	ers only) k hroat swabs, 1 or equivalent monts only) halitis virus, st be accompar engue virus, mL; Amniotic fl	edia IgM antibo nied by serum PCR luid 1 mL (CS)	n) F, urine
Mycobacteriology/Mycology		Parasitolo					
<ul> <li>☐ Fungal isolate, identification         Plate or slant with visible growth</li> <li>☐ Mycobacteria, smear and culture w         Respiratory sediments, 5-10 mL; Sterile fluid         heparin; Tissue, 1 g; Urine, &gt;5 mL</li> <li>☐ Mycobacteria, isolate identification</li> </ul>	d, >2 mL; Blood, 5-10 mL ACD or	Parasite Babesia/t smears, 1 Malaria: 0	es, blood rypanosor I thick and	mes/filariae: Giemsa 1 thin Giemsa-Wright-staiı			
Liquid culture, >3 mL; Solid culture, visible gr  M. tuberculosis complex PCR Respiratory sediments, 5-10 mL (CHDs required)	rowth		write-in de TD-19	escription of test)			



### Screening Template for COVID-19 Testing at the OSDH Public Health Laboratory

Symp	<u>toms</u>
0	Does the patient have a fever above 100.4°F and symptoms of acute respiratory illness? (e.g., cough, difficulty breathing)
	☐ Yes
	□ No
AND	
<u>Risk F</u>	<u>Factors</u>
	Hospitalized patients who have signs and symptoms compatible with COVID-19 and other respiratory illnesses have been ruled-out in order to inform decisions related to infection control.
	Other symptomatic individuals at higher risk for poor outcomes, including those who are ≥ 65 years, immunocompromised or have chronic medical conditions (e.g., diabetes, heart disease, receiving immunosuppressive medications, chronic lung disease, chronic kidney disease).
	Suspected outbreak of COVID-19 among associated individuals with recent onset of similar fever and lower respiratory symptoms. Please, contact the OSDH Acute Disease Service at (405) 271-4060 to report suspected outbreaks.
	Suspect COVID-19 in a patient associated with a high-risk exposure setting such as a long-term care facility.
	Patients, including healthcare personnel, who within 14 days of symptom onset had close

- Specimens for patients who do not meet the Symptoms criteria <u>AND at least one</u> of the Risk Factors criteria above for testing will not be tested at the OSDH Public Health Laboratory.
   Clinicians should seek testing at a reference laboratory for those not meeting the criteria above.
- Mildly ill (low grade fever, aches and pains, and dry cough) patients should be encouraged to stay home and contact their healthcare provider by phone for guidance about clinical management.



contact with a suspect or laboratory-confirmed COVID-19 patient.



