

## Laboratory Testing Algorithm for Patients with Suspect 2019 Novel Coronavirus (COVID-19)

Patient must meet **clinical features** criteria AND **epidemiological risk** criteria for testing authorization.

Clinical Features	&	Epidemiologic Risk
Fever <sup>1</sup> <b>or</b> signs/symptoms of lower respiratory illness (e.g., cough or shortness of breath)	<b>AND</b>	Any person, including health care workers, who has had close contact <sup>2</sup> with a laboratory-confirmed <sup>3,4</sup> COVID-19 patient within 14 days of symptom onset
Fever <sup>1</sup> <b>and</b> signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath)	<b>AND</b>	A history of travel from <b>Hubei Province</b> , China <sup>5</sup> within 14 days of symptom onset
Fever <sup>1</sup> <b>and</b> signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) requiring hospitalization <sup>4</sup>	<b>AND</b>	A history of travel from mainland <b>China</b> <sup>5</sup> within 14 days of symptom onset

If patient meets **CLINICAL AND EPIDEMIOLOGICAL RISK** criteria as a person under investigation (PUI), place patient in contact and airborne isolation and call ISDH immediately for testing authorization at 317-233-7125, M-F 8:15 a.m. - 4:45 p.m. Call 317-233-1325 after hours.

<sup>1</sup> Fever may be subjective or confirmed.

<sup>2</sup> Close contact is defined as being within approximately 6 feet, or within the room or care area, of a COVID-19 case for a prolonged period of time while not wearing recommended personal protective equipment (PPE) (e.g., gown, gloves, NIOSH-certified N95 respirator, eye protection); close contact can include caring for, living with, visiting, or sharing a healthcare waiting area or room with a COVID-19 case, – **or** – having direct contact with infectious secretions of a COVID-19 case (e.g., being coughed on) while not wearing recommended PPE.

<sup>3</sup> Documentation of laboratory confirmation of COVID-19 may not be possible for travelers or persons caring for patients in other countries.

<sup>4</sup> Category also includes any member of a cluster of patients with severe acute lower respiratory illness (e.g., pneumonia, ARDS) of unknown etiology in which COVID-19 is being considered that requires hospitalization. Such persons should be evaluated in consultation with state and local health departments regardless of travel history.

<sup>5</sup>For persons with travel to China within 14 days that are being regularly monitored by local health departments or referred for evaluation from border screening, testing for COVID-19 can be considered at the discretion of the health officials for all persons with illnesses with fever and lower respiratory symptoms (those hospitalized and those not hospitalized).