



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

Patient must meet **clinical** criteria AND **exposure** criteria for testing authorization

## Evaluate for CLINICAL CRITERIA

**Clinical criteria:** Does patient have fever\* **AND/OR** symptoms of lower respiratory illness (e.g., cough, shortness of breath)

**YES**

Patient meets **CLINICAL** criteria.  
Determine if patient meets at least one of the exposure criteria.

**NO**

Patient **DOES NOT** meet clinical criteria. No specimen authorized.  
Instruct patient if symptoms worsen to return for re-evaluation.

If **NO** to **all three**, then the patient **DOES NOT** meet exposure criteria.  
No further action needed. Can call ISDH for consultation at 317-233-7125.

## Evaluate for EXPOSURE CRITERIA

Did patient have **history of travel** from Wuhan, China within 14 days before symptom onset?

**NO**

†\*\* Within 14 days before symptom onset, did the patient have **close contact** with an ill laboratory-confirmed 2019-nCoV patient?

**NO**

\*\*Within 14 days of symptom onset, did patient have **close contact** with a person who is under investigation for 2019-nCoV while that person was ill?

**NO**

**YES**

**YES**

**YES**

Patient meets **EXPOSURE** criteria as Patient Under Investigation (PUI). Place patient in contact and airborne isolation, and call ISDH for testing authorization at 317-233-7125. After hours, call 317-233-1325.

**Close contact** is defined as a) being within approximately 6 feet, or within the room or care area, of a novel coronavirus case for a prolonged period of time while not wearing recommended personal protective equipment (PPE); close contact can include caring for, living with, visiting, or sharing a healthcare waiting area or room with a novel coronavirus case, – or – b) having direct contact with infectious secretions of a novel coronavirus case (e.g., being coughed on) while not wearing recommended PPE.

\*Fever may not be present in some patients; clinical judgement should be used to guide testing of patients in such situations †Those with close contact with a confirmed patient, may have fever OR lower respiratory symptoms.. \*\* Does not require travel to Wuhan, China.