

Decision Guide for CDC Consultation and Ebola Virus Disease (EVD) Testing

Does patient meet **ANY** of the following within 21 days before symptom onset?

High Risk Exposure

- Percutaneous or mucous membrane exposure or direct skin contact with body fluids of a person with a confirmed or suspected case of EVD without appropriate personal protective equipment (PPE)

OR

- Laboratory worker processing body fluids of confirmed EVD patients without appropriate PPE or standard biosafety precautions

OR

- Participation in funeral rites which include direct exposure to human remains in the geographic area where outbreak is occurring without appropriate PPE

YES

Fever?

Other Symptoms?

Blood Work

Normal Blood Work?

Abnormal Blood Work?

YES

YES

NO TEST

OPTIONAL TEST

YES TEST

Low Risk Exposure

- Providing patient care (without known high-risk exposure) or contact with EVD patients in health care facilities in outbreak-affected countries*?

OR

- Household member or close contact** of an EVD patient?

YES

Fever?

Other Symptoms?

Blood Work

Normal Blood Work?

Abnormal Blood Work?

YES

YES

NO TEST

OPTIONAL TEST

YES TEST

YES TEST

Testing Indicated:
Call CDC
(770-488-7100) for
consultation and approval

OPT YES

Optional Test, if other clinically-
compatible diagnosis ruled out:
Call CDC (770-488-7100) for
consultation and approval

NO TEST

Testing not Indicated:
See **Monitoring and
Movement Guidance** for
additional restrictions

DEFINITIONS

Fever:

•Defined as $\geq 101.5^{\circ}\text{F}$
(38.6°C)

Other Symptoms Include:

- Intense weakness
- Headache and sore throat
- Internal or external bleeding
- Impaired kidney and liver function
- Muscle pain
- Vomiting
- Diarrhea

Abnormal Blood Work:

- Platelet count $<150\text{K}$
- Prolonged PT/PTT
- AST/ALT elevation

Specimens received at CDC without prior consultation will not be tested.

Testing may be delayed if tracking information is not provided.

Note: Malaria diagnostics should be a part of initial testing because it is the most common cause of febrile illness in persons with a travel history to the affected countries.

* Outbreak updates and affected countries found at: <http://www.cdc.gov/vhf/ebola/outbreaks/guinea/index.html>

** Case definitions can be found here: <http://www.cdc.gov/vhf/ebola/hcp/case-definition.html>

+Special thanks to the Michigan Department of Community Health for their work on the decision guide

