HIV-2 Testing Algorithm: Screening (Non-symptomatic) and Diagnostic (Symptomatic)

Reactive specimens from HIV-2 antibody-only screening tests*

HIV2L / HIV-2 Antibody Confirmation, Serum

POSITIVE
INDETERMINATE
NEGATIVE

HIV-2 infection**

If suspecting acute infection in patients at risk for HIV-2 infection,* order:

FHV2Q / HIV-2 DNA/RNA Qualitative Real-Time PCR

POSITIVE
NEGATIVE

HIV-2 infection**

*Individuals at risk for HIV-2 infection:
- Originated in or have traveled to an HIV-2-endemic area – West African countries (Guinea-Bissau, Cape Verde, Ivory Coast, Gambia, Mali, Mauritania, Nigeria, Sierra Leone, Benin, Burkina Faso, Ghana, Guinea, Liberia, Niger, Sao Tome, Senegal, and Togo), Angola, Mozambique, and India
- Received medical care, injections, immunizations, phlebotomy, surgery, or blood products or participated in vaccine trials in an HIV-2-endemic area
- Had sexual or needle-sharing contact with persons who are infected with HIV-2 or are from an HIV-2-endemic area
- Born to a mother with known HIV-2 infection
- Had opportunistic infections or other clinical symptoms of HIV/AIDS but tested negative or indeterminate for HIV-1
- Had multiple HIV-1 indeterminate antibody test results
- Had a confirmed diagnosis of HIV-1 but an undetectable viral load that is incompatible with the clinical or immunological status

**For verification, submit specimen for FHV2Q