HIV Prenatal Testing Algorithm, Including Follow-up of Reactive Rapid Serologic Test Results

Reactive results from:
- Rapid HIV-1 test
- Rapid HIV-1/-2 test

HIVSP / HIV Antigen and Antibody Prenatal Routine Screen, Plasma
If indicated, all subsequent tests listed are performed and charged separately automatically

**REACTIVE**

- HIV-1 and HIV-2 Antibody Confirmation and Differentiation Prenatal, Plasma

**NEGATIVE**

- STOP
  - Repeat HIVSP in 2 to 4 weeks for at-risk patients

Reactive plasma specimens from 3rd generation HIV-1/-2 antibody screening tests* Order: HVDSP / HIV-1 and HIV-2 Antibody Confirmation and Differentiation Prenatal, Plasma

**DETECTED OR ANY VIRAL LOAD VALUE**

- HIV-1 infection

**UNDETECTED**

- HIV-1 RNA Detection and Quantification, Prenatal, Plasma

If suspecting acute HIV infection in a high-risk patient, order: HIQNP / HIV-1 RNA Detection and Quantification, Prenatal, Plasma

**DETECTED**

- HIV-1 infection

**UNDETECTED**

- At risk for HIV-2 infection?
  - NO
    - **STOP**
  - YES
    - Order: FHV2Q / HIV-2 DNA/RNA Qualitative Real-Time PCR

*Specimens from individuals with reactive results from 3rd generation HIV-1/2 antibody screening tests can enter this testing algorithm at HVDSP with applicable downstream testing.

1 For verification, submit new specimen for HIQNP
2 For verification, submit new specimen for FHV2Q
3 Contact Mayo Clinic Laboratories for testing advice

**Note:** For diagnostic and screening for HIV-2 infection only, Testing see HIV-2 Testing Algorithm: Screening (Nonsymptomatic) and Diagnostic (Symptomatic)