

HIV-1/HIV-2 RNA Detection, Serum

Test ID: HIS12

Useful for:

Diagnosis of HIV-1 and/or HIV-2 infection in individuals with indeterminate or inconclusive HIV serologic test results.

Diagnosis of HIV-1 and/or HIV-2 infection in individuals with acute or early HIV-1 and/or HIV-2 infection.

Diagnosis of HIV-1 and/or HIV-2 infection in infants under 18 months of age who are born to HIV-infected mothers.

Methods:

Real-Time Reverse Transcription-Polymerase Chain Reaction (RT-PCR)

Reference Values:

Undetected

Specimen Requirements:

Collection Container/Tube: Serum gel

Submission Container/Tube: Plastic vial - Aliquot Tube, 5 mL (T914)

Specimen Volume: 1.5 mL

Collection Instructions:

1. Centrifuge blood collection tube and aliquot serum into plastic vial per collection tube manufacturer's instructions (eg, centrifuge and aliquot within 2 hours of collection for BD Vacutainer tubes).
2. Freeze aliquoted serum for shipment.

Minimum Volume: 0.8 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum SST	Frozen (preferred)	40 days
	Refrigerated	6 days

Cautions:

This test is not licensed by the FDA as a screening test for HIV-1 infection in donors of blood, human cells, tissues, or tissue products.

A single "Undetected" result may not rule out the presence of HIV infection, if the plasma specimen is collected and tested too early after exposure (ie, less than 10 days from exposure) or if patient is infected with a rare HIV variant. Improperly storage or processing (ie, incorrect temperature) of the plasma specimen for transport to the testing laboratory may lead to falsely negative viral RNA result.

CPT Code:

87535

87538

Day(s) Performed: Monday through Saturday **Report Available:** 1 to 3 days

Questions

Contact James Conn, Laboratory Resource Coordinator at 800-533-1710.