

SPECIMEN SUBMISSION GUIDELINES

HIV Diagnostics and Reference Laboratory
US Military HIV Research Program, Walter Reed Army Institute of Research
9100 Brookville Road, BLDG 508, Silver Spring, MD 20910

HIV-1 DNA PCR, HIV-2 DNA PCR Test Specification

Test Name: HIV-1 DNA PCR / HIV-2 DNA PCR				
Clinical Significance	Specimen Requirements	Transport/Storage Temperature	Test Approved For	Turn Around Time (After Receipt at HDRL)
HIV-1 DNA PCR: Qualitative HIV-1 DNA test for detection of HIV-1 infection in infants up to 18 months of age, and detection of HIV-1 proviral DNA. HIV-2 DNA PCR: Qualitative DNA test to distinguish between HIV-1 and HIV-2 infection.	3 ml (0.5 ml minimum) whole blood in EDTA (lavender top) tubes Store at room temperature for overnight or same day delivery.	Ship ambient within 24 hours of collection.	Non FDA approved Intended for use in screening of infants 18 months of age or less, born to HIV-1 infected mothers.	To be determined
<p><u>Please note:</u></p> <ol style="list-style-type: none">1. Maternal antibodies may persist for the first 18 months of life, confounding diagnosis in the infant; however, maternal antibodies do not interfere in the HIV-1 DNA test.2. This test may be used to detect HIV-1 in patients with acute infection prior to seroconversion (antibody formation), as well as in patients with agammaglobulinemia.3. It is recommended that positive results be confirmed on two separate blood samples with one or a combination of virus-specific tests. Repeatedly reactive HIV-1 EIA results with supplemental confirmatory test are required to confirm the diagnosis HIV-1 infection.				

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