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HUMAN IMMUNODEFICIENCY VIRUS (HIV)-1 RNA AND PROVIRAL DNA PCR (QUALITATIVE)

Synonym(s): HIV-1 Proviral DNA PCR

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Lab Section Category	Molecular Diagnostics - Microbiology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/moleculardiagnosics.aspx).
Indications	To determine the HIV infection status in a. Infants born to HIV positive mothers b. Individuals whose HIV screening test by EIA/MEIA is reactive, but whose status is indeterminate or inconclusive by Western blot c. High-risk individuals with a negative serological screen and a history of recent exposure This test is able to detect HIV-1 group M subtypes and HIV-1 group N & O.
Specimen Required	3 ml of whole blood collected in EDTA anticoagulant only
Storage and Transport	Samples should be transported and stored at 2-8 °C (do not freeze) and should reach the testing laboratory within 48 hours of collection for whole blood processing (i.e. HIV-1 proviral DNA and HIV-1 RNA detection).
Method	Real-time Qualitative Polymerase Chain Reaction (PCR), Roche COBAS® AmpliPrep/COBAS® TaqMan® HIV-1 Test version 2.0.

Test Result	Detected, Not Detected or Inconclusive
Turnaround Time	1 - 5 days
Day(s) Test Set up	Tuesdays and Fridays (except public holidays)
Remarks	Please note this test may not detect new variants of HIV-1. It also does not detect HIV-2 viruses.

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Change History Notes

- 16 Nov 2012 02:38 PM**
 Lab will be replacing the existing Roche Amplicor HIV-1 Proviral DNA PCR Test, with this new assay Roche COBAS® AmpliPrep/COBAS® TaqMan® HIV-1 Qualitative Test w.e.f 16.11.12

- 15 Jan 2013 09:08 AM**
 Turnaround Time, Storage and Transportation, Day(s) Test Set-Up have been last updated on 15/01/13.

- 24 Apr 2015 10:16 AM**
 Method has been last updated on 24/04/15.

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