



XPERT®

HIV VIRAL LOAD

(61020135, PCRhivVLR)

SPECIMEN

Plasma

EDTA with plasma separator tube
(min volume 2-3 ml)

TRANSPORTATION REQUIREMENT

2 - 8 °C

(Up to 3 days)

METHOD

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

TEST SCHEDULE

Daily (Monday to Saturday)

Cut off time: 2.00 PM

TURNAROUND TIME (TAT)

1 - 2 Days

upon specimen arrival

DETECTION OF

Human Immunodeficiency Virus (HIV) is the etiologic agent of Acquired Immunodeficiency Syndrome (AIDS). It can be transmitted through sexual contact, exposure to infected blood or blood products, prenatal infection of a fetus, or perinatal or postnatal infection of a newborn. HIV diagnostics have evolved significantly in the past two decades and continue to be significantly important in saving lives of millions of HIV infected patients. Today, measurement of blood plasma HIV-1 RNA concentration known as viral load using nucleic acid-based molecular diagnostic assays has been established as standard of care in assessing HIV-positive patient prognosis and response to antiretroviral therapy.

Intended Use of Xpert® HIV-1 Viral Load

Treatment Monitoring:

Xpert® HIV-1 Viral Load is used for quantitation of Human Immunodeficiency Virus type 1 (HIV-1) in human plasma from HIV-1 infected individuals over the range of 40 to 10,000,000 copies/mL, and is validated for specimens across Group M subtypes A, B, C, D, AE, F, G, H, AB, AG, J, K and Group N and Group O.