

R E P O R T

Age: 0.00 Years Sex: MALE

**HIV 1 RNA Quantification (Viral Load)**

Test: Quantitative RNA estimation of HIV from patient's plasma.

Method: Real time PCR (SDS)

Probe used: 30 base pair long dual labelled oligonucleotide TaqMan probe.

Equipment: Rotorgene from Corbett Research, Australia.

Subtypes detected: All common HIV 1 subtypes.

Sensitivity: 53 IU/ml.

Conversion: 1 IU/ml = 1 Copy/ml

Measuring range: 53 to 35,71,428 IU/ml.

Remarks: 1. Viral load test is meant for known HIV positive patients only and it can not be used for diagnosing patient's HIV status.  
2. This test can not be used for HIV-2 patients.  
3. It is not advisable to compare viral loads performed by two different techniques.

**Notes Added:**

**COLLOIDAL SILVER SOLUTION EFFICACY TESTING**

100 ppm Silver Solution prepared as per manufacturer's instructions using Mono Atomic Silver Generator of SpaceAge Natural Health Centre Division of SpaceAge Concepts (India) Ltd., Mumbai and for STD Pioneer's Awareness Trust, Mumbai.

Strength of Silver Solution used: 100 ppm (freshly prepared)

Incubation Temperature: 37 °C Incubator

Treatment Time: 72 hours

Viral Load before Silver treatment: 905,355 IU/ml

Silver Solution treatment done using 10 ml of 100 ppm Silver Solution every 24 hours and terminated at the end of 72 hours.

**Result:**

**HIV-1-RNA Quantification by Below 53 IU/ml**  
**Real time SDS**

Page 1 of 1 End Of Report