

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM.
DOB/Age/Gender : 23 Y/Male	Report Date : May 07, 2024,06:23 PM.
Patient ID / UHID : 8053086/RCL7249637	Barcode No : MD072225
Referred By : Dr. X	Report Status : Final Report
Sample Type : EDTA Plasma\$4	

**HIV 1 Viral Load**

Test Name	Result	Log Value (Log IU/mL)	Units
HIV-1 Viral load Quantitative	Target Not Detected	Not Applicable	IU/mL

**Interpretation:**

Results	Comments
Target Not Detected	HIV-1 RNA Not Detected
Below Detection Limit	HIV-1 RNA Detected, less than 70.6 IU/mL
70.6 IU/mL - 1,00,00,00,000 IU/mL	HIV-1 RNA Detected within the linear range of the assay
Above 1,00,00,00,000 IU/mL	HIV-1 RNA Detected above the linear range of the assay

**Method:** Real-Time Polymerase Chain Reaction (RT-PCR)- Quantitative

**Biological Reference Range:** Not Detected

**Useful For:** Diagnostics and aid to diagnosis or monitoring of HIV-1 infections

**Clinical Background:**

HIV (human immunodeficiency virus) is a virus that attacks cells that help the body fight infection, making a person more vulnerable to other infections and diseases. It is spread by contact with certain bodily fluids of a person with HIV, most commonly during unprotected sex or through sharing injection drug equipment. If left untreated, HIV can lead to the disease AIDS (acquired immunodeficiency syndrome)

**Note :**

- 1 IU/mL corresponds to 0.55 copies/mL of HIV-1 RNA.
2. An interpretation of Not Detected does not rule out the presence of inhibitors or HIV-1 RNA concentration below the level of detection of the assay. Care should be taken in the interpretation of any single viral load determination.
3. The clinical significance of changes in HIV-1 RNA concentration has not been fully established; however, a change of 0.5 log IU/mL may be significant.
4. This assay should not be used for blood donor screening.

**Limitation:**

1. PCR is a highly sensitive technique; common reasons for paradoxical results are contamination during specimen collection, selection of inappropriate specimen and inherent PCR inhibitors in the sample.
2. The Not Detected result does not rule out the presence of inhibitors in the patient specimen or HIV-1 concentration below the level of detection of the test. Care should be taken when interpreting any single viral load determination.

**Reference:** <https://www.hiv.gov/hiv-basics/overview/about-hiv-and-aids/what-are-hiv-and-aids/>

\*\*\* End Of Report \*\*\*

**Disclaimer:** Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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