



Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. MB138	Billing Date : 07/07/2023 12:45:44
Age : 40 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100013483	Report Released on : 15/07/2023 10:51:51
Accession No : 10002305539	Barcode No. : 10002305539
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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MOLECULAR DIAGNOSTICS

HIV Viral Load

TND

IU/ML

Sample: Plasma EDTA

HIV-1 Viral Load Real Time PCR by Genexpert

Method: Real Time PCR

Lower detection Limit: 40 copies /ml

Quantitative Range: 40 -10000000 copies/ml

Quantitative Result (Copies/ml)	Interpretation
TND	Target Not Detected
<40	Either HIV-1 RNA not detected or not quantifiable
>10000000	HIV-1 RNA detected, quantitation not possible since the quantitative result is above the quantitation range

Clinical Significance

1. HIV-1 RNA (viral load) is a surrogate marker for HIV-1 disease progression and response to antiretroviral treatment (ART).
2. HIV-1 RNA assays do not detect HIV-2 viral load
3. Viral load is not a useful prognostic indicator nor does it measure the severity of viral disease.
4. The measurement can only help us guide to initiate or monitor treatment response.
5. A single HIV-1 viral load test result should not be used as the sole criterion in guiding therapeutic decisions and intervention in the clinical care of HIV-1 infected patients. +/-0.5 difference of log 10 value m

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considered as clinically significant.

- HIV-1 viral loads should always be used in conjunction with clinical history and other investigations.
- Note: Viral load test results may vary from lab to lab.
- Therefore, it is advisable to have the viral load tests done at the same laboratory each time during treatment monitoring so that the results are comparable.

** End of Report**

Dr. Avijit Guha
Scientist (Molecular)
PhD (Molecular)

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