

Client: Example Client ABC123 123 Test Drive Salt Lake City, UT 84108 UNITED STATES

Physician: Doctor, Example

## **Patient: Patient, Example**

| DOB                     | 4/13/1961               |
|-------------------------|-------------------------|
| Gender:                 | Male                    |
| Patient Identifiers:    | 01234567890ABCD, 012345 |
| Visit Number (FIN):     | 01234567890ABCD         |
| <b>Collection Date:</b> | 00/00/0000 00:00        |

## Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT with Reflex to HIV-1 Drug Resistance by Next Generation Sequencing

ARUP test code 3000870

| HIV-1 Qnt by NAAT (log copies/mL)<br>Human Immunodeficiency Virus 1 by Quantitative NAAT result was<br>less than 2.70 log copies/mL; therefore no further testing added.  |                                   |  |
|---|-----------------------------------|--|
| HIV-1 Qnt by NAAT (log copies/mL)<br>Human Immunodeficiency Virus 1 by Quantitative NAAT result was<br>less than 2.70 log copies/mL; therefore no further testing added.<br>HIV-1 Qnt by NAAT Interp<br>Not Detected (Ref Interval: Not Detected)<br>INTERPRETIVE INFORMATION: HIV-1 by Quantitative NAAT, Plasma<br>Normal range for this assay is "Not Detected".<br>The quantitative range of this assay is 1.47-7.00 log copies/mL<br>(30-10,000,000 copies/mL).<br>An interpretation of "Not Detected" does not rule out the<br>presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log<br>copies/mL may be significant.<br>This assay should not be used for blood donor screening,<br>associated re-entry protocols, or for screening Human Cell, | HIV-1 Qnt by NAAT (copies/mL)     | Not Detected cpy/mL  |
| less than 2.70 log copies/mL; therefore no further testing added.HIV-1 Qnt by NAAT InterpNot Detected(Ref Interval: Not Detected)INTERPRETIVE INFORMATION: HIV-1 by Quantitative NAAT, PlasmaNormal range for this assay is "Not Detected".<br>The quantitative range of this assay is 1.47-7.00 log copies/mL<br>(30-10,000,000 copies/mL).An interpretation of "Not Detected" does not rule out the<br>presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log<br>copies/mL may be significant.This assay should not be used for blood donor screening,<br>associated re-entry protocols, or for screening Human Cell,   | HIV-1 Qnt by NAAT (log copies/mL) | Not Detected log cpy/mL  |
| INTERPRETIVE INFORMATION: HIV-1 by Quantitative NAAT, Plasma<br>Normal range for this assay is "Not Detected".<br>The quantitative range of this assay is 1.47-7.00 log copies/mL<br>(30-10,000,000 copies/mL).<br>An interpretation of "Not Detected" does not rule out the<br>presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log<br>copies/mL may be significant.<br>This assay should not be used for blood donor screening,<br>associated re-entry protocols, or for screening Human Cell,  |                                   | Human Immunodeficiency Virus 1 by Quantitative NAAT result was less than 2.70 log copies/mL; therefore no further testing added.   |
| The quantitative range of this assay is 1.47-7.00 log copies/mL<br>(30-10,000,000 copies/mL).<br>An interpretation of "Not Detected" does not rule out the<br>presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log<br>copies/mL may be significant.<br>This assay should not be used for blood donor screening,<br>associated re-entry protocols, or for screening Human Cell,  | HIV-1 Qnt by NAAT Interp          |  |
| presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log<br>copies/mL may be significant.<br>This assay should not be used for blood donor screening,<br>associated re-entry protocols, or for screening Human Cell,  |                                   | The quantitative range of this assay is 1.47-7.00 log copies/mL  |
| associated re-entry protocols, or for screening Human Cell,   |                                   | presence of inhibitors or HIV-1 RNA concentration below the<br>level of detection of the assay. Care should be taken in the<br>interpretation of any single viral load determination.<br>The clinical significance of changes in HIV-1 RNA concentration<br>has not been fully established; however, a change of 0.5 log |
|   |                                   | associated re-entry protocols, or for screening Human Cell,  |

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com 500 Chipeta Way, Salt Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Laboratory Director



| VERIFIED/REPORTED DATES           |               |                  |                  |                   |  |
|-----------------------------------|---------------|------------------|------------------|-------------------|--|
| Procedure                         | Accession     | Collected        | Received         | Verified/Reported |  |
| HIV-1 Qnt by NAAT (copies/mL)     | 23-090-129685 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |  |
| HIV-1 Qnt by NAAT (log copies/mL) | 23-090-129685 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |  |
| HIV-1 Qnt by NAAT Interp          | 23-090-129685 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |  |

## END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com 500 Chipeta Way, Sati Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Laboratory Director Patient: Patient, Example ARUP Accession: 23-090-129685 Patient Identifiers: 01234567890ABCD, 012345 Visit Number (FIN): 01234567890ABCD Page 2 of 2 | Printed: 4/11/2023 2:19:53 PM 4848