500 Chipeta Way, Salt Lake City, Utah 84108-1221

phone: 801-583-2787, toll free: 800-522-2787

Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: 24 years   Male

Specimen Collected: 17-Jun-24 14:30

HCV Quant with Reflex to HCV HR Genotype	Received: 17-Jun-24 14:33	Report/Verified: 17-Jun-24 14:42

Procedure	Result	Units	Reference Interval
HCV Qnt by NAAT (IU/mL)	46,000	IU/mL	
HCV Qnt by NAAT (log IU/mL)	4.66 [f1]	log IU/mL	
HCV Qnt by NAAT Interp	**Detected** * [i1]		[Not Detected]

Hepatitis C High Resolution Genotyping	Received: 17-Jun-24 14:33	Report/Verified: 18-Jun-24 10:07

Procedure	Result	Units	Reference Interval
Hepatitis C High-Res Genotype by Seq	6a [i2]		

Result Footnote

f1:   HCV Qnt by NAAT (log IU/mL)

       Hepatitis C Virus High-Resolution Genotype by Sequencing added.

Test Information

i1:   HCV Qnt by NAAT Interp
       INTERPRETIVE INFORMATION: HCV by Quantitative NAAT

       The quantitative range of this test is 15-100,000,000 IU/mL (1.18-8.0 log IU/mL).

       A result of "Not Detected" does not rule out the presence of inhibitors in the
       patient specimen or hepatitis C virus RNA concentrations below the level of
       detection of the test. Care should be taken when interpreting any single viral load
       determination.

       This test is intended for use as an aid in the diagnosis of HCV infection in the
       following populations: individuals with antibody evidence of HCV with evidence of
       liver disease, individuals suspected to be actively infected with HCV antibody
       evidence, and individuals at risk for HCV infection with antibodies to HCV.
       Detection of HCV RNA indicates that the virus is replicating and therefore is
       evidence of active infection.

       This test is also intended for use as an aid in the management of patients with an
       HCV infection undergoing antiviral therapy. The assay can be used to measure HCV RNA
        levels at baseline, during treatment, at the end of treatment, and at the end of
       follow-up of treatment to determine sustained or nonsustained viral response. The
       results must be interpreted within the context of all relevant clinical and
       laboratory findings.

       This test should not be used for blood donor screening, associated reentry
       protocols, or for screening human cells, tissues, and cellular tissue-based products
        (HCT/P).

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*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

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Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

ARUP Accession: 24-169-900125

Report Request ID: 19476906

Printed: 18-Jun-24 10:08

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ARUP LABORATORIES | aruplab.com

500 Chipeta Way, Salt Lake City, Utah 84108-1221

phone: 801-583-2787, toll free: 800-522-2787

Jonathan R. Genzen, MD, PhD, Chief Medical Officer

PATIENT REPORT

Patient Age/Sex: 24 years   Male

Test Information

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i2:     Hepatitis C High-Res Genotype by Seq
        INTERPRETIVE INFORMATION: Hepatitis C High Resolution
                                  Genotype
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Hepatitis C viral RNA is assayed using reverse transcription polymerase chain
reaction (RT-PCR) to amplify specific portions of both the core and NS5B regions of
the viral genome. The amplified nucleic acid is sequenced bidirectionally using
dye-terminator chemistry (ABI). Sequencing data is compared to a database of
characterized sequences.

Isolates of hepatitis C virus are grouped into six major genotypes (1-6). These
genotypes are subtyped according to sequence characteristics. Sequencing both the
core and NS5B regions allows for subtyping of all confirmed and most provisional
genotypes, including differentiation of 1a from 1b and typing of genotype 6.

This test was developed and its performance characteristics determined by ARUP
Laboratories. It has not been cleared or approved by the U.S. Food and Drug
Administration. This test was performed in a CLIA-certified laboratory and is
intended for clinical purposes.

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