



TRACK ONLINE



<http://medhealthclinicallab.com/report.aspx?id=01-262896>

Patient's Name : HADIYAT ULLAH

Lab No. : T263684

Panel : MED HEALTH CLINICAL LAB

NIC # :

Passport :

<http://medhealthclinicallab.com> User: 01-262896 Password: 4844

VERIFY PATIENT



Age / Sex : 52 Years / Male

Sample Collection Date : 22-05-2026 6:01 PM

Report Date : 23-05-2026 01:54 PM

Ref By :

Phone : 0300-5711561

Chemical Parameters

Test Name	Result	Unit	Reference Range
Serum Glucose Random	105	mg/dL	80 - 160

Electronically generated report. No signature(s) required.

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M.Phil (Haematology)

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Khurram Nisar
DMLT
Laboratory Technician

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Haematology Parameters

<u>Test Name</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
WBC	5.74	$\times 10^3 / \mu\text{L}$	4.5 - 11.0
Red Cell Count	5.25	$\times 10^6 / \mu\text{L}$	M:4.6 - 6.2 F: 4.2 - 5.4
Haemoglobin	15.2	g/dL	M:13.5 - 17.5 F: 12.0 - 16.0
PCV / HCT	45.5	%	M: 41 - 53, F: 36 - 46
MCV	87	fL	M: 80 - 100, F: 80 - 100
MCH	29	Pg	M:26 -34, F: 26 - 34
MCHC	33	g/dL	M: 31 - 37, F: 31 - 37
Platelet Count	115,000	$\times 10^3 / \mu\text{L}$	1,40000 - 4,40000
<u>Diff. Leuc. Count (DLC)</u>			
Neutrophils	61	%	54 - 62
Lymphocytes	29	%	25 - 33
Monocytes	06	%	03 - 07
Eosinophils	04	%	01 - 06
Basophils	00	%	0 - 0.75

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PCR - HBV DNA (Quantitative)

Patient Value < 25 IU/mL

Result HBV DNA IS NOT DETECTED (NEGATIVE)

Method Used Cepheid Smart Cycler II - Real Time PCR

HBV Real-Time Quant is a Real-Time test for the Quantitative detection of Hepatitis B Virus in human plasma. HBV DNA is extracted from plasma/serum, amplified using real time amplification and detected using fluorescent reporter dye probes specific for HBV Internal Control (IC) serves as an extraction and an amplification control for each individually processed specimen and to identify possible inhibition. IC is detected in a channel other than the HCV. Monitoring the fluorescence intensities during Real-Time allow the detection and quantification of the accumulating product without having to re-open the reaction tube after the real time amplification. Analytical sensitivity of this method is 300 copies /ml.

comments

1. The titer of HBV in Blood fluctuates in accordance with the virus latency & some times it may be below the sensitivity limit of the assay

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PCR - HCV RNA (Quantitative)

Patient Value < 25 IU/mL

Result HCV RNA IS NOT DETECTED (NEGATIVE)

Method Used Cepheid Smart Cyclor II - Real Time PCR

HCV Real-Time Quant is a Real-Time test for the Quantitative detection of Hepatitis C Virus in human plasma. HCV RNA is extracted from plasma/serum, amplified using real time amplification and detected using fluorescent reporter dye probes specific for HCV or HCV IC. Internal Control (IC) serves as an extraction and an amplification control for each individually processed specimen and to identify possible inhibition. IC is detected in a channel other than the HCV RNA. Monitoring the fluorescence intensities during Real-Time allow the detection and quantification of the accumulating product without having to re-open the reaction tube after the real time amplification. Analytical sensitivity of this method is 250 IU/mL.

comments

- 1) Since Elisa and Riba are antibody test, the positivity of either one or both does not necessarily indicate current HCV infection, as patients who have recovered from infection may remain anti-HCV positive for many years. The direct molecular biology detection of HCV RNA by reverse-transcriptase polymerase chain reaction (RT-PCR) is considered the gold standard for the diagnosis of HCV infection.
- 2) Quantitative HCV RNA testing provides prognostic information regarding likelihood of treatment response and it plays an important role in monitoring the antiviral response to treatment. Sustained virological response is defined as testing negative for HCV RNA 6 months after response to treatment.
- 3) The same type of quantitative HCV RNA test should be used throughout a patient's treatment course.

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