J.K. DIAGNOSTIC CENTRE

INDIRA NAGAR, SAPHA ROAD, KASIA, KUSHINAGAR

: 26/08/2024
Name : SUNITA SHRMA
: 40/F
by Dr. : OPD

J.K DIAGNOSTIC CENTRE

First Name: SUNITA
Last Name:SHRMA
Sample ID: 10
Run Time:
26/08/2024 12:49
Diagnosis:

Parameter	Result	Unit
WBC	4.91	10^9/L
Lym%	38.6	%
Gran%	57.6	%
Mid%	3.6	%
Lym#	1.91	10^9/L
Gran#	2.82	10^9/L
Mid#	0.18	10^9/L
RBC	3.14	10^12/L
HGB	8.8	g/dL
HCT	29.8	%
MCV	94.7	fL
MCH	27.9	pg
MCHC	29.5	g/dL
RDW-CV	12.7	%
RDW-SD	49.2	fL
PLT	1.44	10^9/L
MPV	11.3	fL
PDW	12.7	fL
PCT	0.162	%

HEMATOLOGY

Haemoglobin	8.80 Gm%	
Total Leukocyte Count	4910 /Cumm	
Diff. Leukocyte Count		
Neutrophils	57%	
Lymphocyte	38%	
Eosinophils	04%	
Monocyte	01%	
PCV	29.80%	
Platelet Count	1.44 lac/cu	
RBC	3.14 mill/cu	
MCV	94.70 fL	
MCH	27.90pg	
MCHC	29.50 g/dL	

BLOOD CHEMISTRY

S.Creatinine	7.88 mg%	(0.6-1.3 mg%)
S.Urea	72.10 mg%	(13-45 mg%)
Sodium	147.50 mE q/L	(135-155 mE q/L)
Potassium	4.94 mE q/L	(3.5-5.5 mE q/L)
S.Uric Acid	5.90 mg%	3.4-7.0 mg%)
S.Calcium	8.50 mg%	(8.6-10.6 mg%)

Dr.Mast Raj Singh
MD(Patho)

	Mrs. SUNITA DEVI	TEST REQUEST ID	012407110324
	40 YRS/FEMALE	REG DATE/TIME	11/Jul/2024 03:40PM
	LIFE	SAMPLE COLLECTION DATE	11/Jul/2024 03:41PM
	DISTRICT HOSPITAL,	REPORTED DATE	11/Jul/2024 06:22PM

	Result	Ref. Range	Unit
n, Serum	4.46	3.50 - 5.10	mmol/L
	96.0	101.00 - 109.00	mmol/L

MOLECULAR DIAGNOSTIC

HEPATITIS C VIRUS - VIRAL LOAD, QUANTITATIVE

C Virus RNA PCR(Quantitative)	HCV NOT DETECTED < 10	
n Type	PLASMA	IU/mL

A viral detection range 10 IU/L - 10^8 IU/L

ect the presence of HCV-RNA is determined by Real Time PCR. It involves the reverse transcription and specific amplification gion of HCV genome. The analysis is done on Cepheid Smart Cycler by using the highly sensitive and specific Genexpert assay. ect probes are used for Fluorescent detection of only targets sequence specific amplicons generated during PCR.

ple Viral RNA is converted into cDNA using Reverse Transcriptase enzyme. The cDNA is amplified and the values are n the Real Time & quantified against a set of known standards. The amplified product is detected via fluorescent dyes. There e oligonucleotide probes which bind specifically to the amplified product. Monitoring the fluorescence intensities during the e, in Real Time) allows detection & quantitation of the accumulating product. These analytical detection limit of the test is >4 ed. The primer and probe designs ensure that all relevant subtypes and genotypes of HCV are detected. There is no cross th any other known pathogenic virus.

Note: 1 IU is equal to 4 Genomic equivalents (copies). With reference to WHO report on "WHO Consultation on International ort in three clinical diagnostic procedures based on Nucleic Acid Amplification Techniques (NAT)" 22-24 April 2002. The kit ion is >4 IU/ mL.

g results should be interpreted only in the context of other laboratory findings and the total clinical status of the patient.