

Patient Name : Mr.GAJ RAJ SINGH	Visit No : CHA250043511
Age/Gender : 72 Y/M	Registration ON : 11/Mar/2025 08:33AM
Lab No : 10140806	Sample Collected ON : 11/Mar/2025 08:35AM
Referred By : Dr.CHARAK HOSPITAL AND RESEA	Sample Received ON : 11/Mar/2025 09:22AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 11/Mar/2025 11:59AM
Doctor Advice : USG UPPER ABDOMEN,FIBRO SCAN,HCV,HBSAg,NA+K+,CREATININE,UREA,LFT,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
HEPATITIS B SURFACE ANTIGEN (HBsAg)				
Sample Type : SERUM				

HEPATITIS B SURFACE ANTIGEN	NON REACTIVE		<1 - Non Reactive >1 - Reactive	CMIA
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Note: This is only a Screening test. Confirmation of the result (Non Reactive/Reactive)should be done by performing a PCR based test.

COMMENTS:

-HBsAg is the first serological marker after infection with Hepatitis B Virus appearing one to ten weeks after exposure and two to eight weeks before the onset of clinical symptoms. HBsAg persists during the acute phase and clears late in the convalescence phase. Failure to clear HBsAg within six months indicates a chronic HBsAg carrier state. HBsAg assays are used to identify the persons infected with HBV and to prevent transmission of the virus by blood and blood products as well as to monitor the status of infected individuals in combination with other hepatitis B serological markers.
-Borderline cases must be confirmed with confirmatory neutralizing assay.

LIMITATIONS:

-Results should be used in conjunction with patient history and other hepatitis markers for diagnosis of acute and chronic infections.
-Specimens from patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy may contain human anti-mouse antibodies (HAMA) which may produce anomalous values when tested with assay kits that employs mouse monoclonal antibodies.
-Heterophilic antibodies in human serum can react with reagent immunoglobulins, interfering with in vitro immunoassays. Patients routinely exposed to animals or animal serum products can be prone to this interference and anomalous results may be observed.
-Cross reactivity for specimens from individual with medical conditions (Pregnancy, HIV etc) has been observed.
-HBsAg mutations may result in a false negative result in some HBsAg assays.
-If HBsAg results are inconsistent with clinical evidence, additional testing is suggested to confirm the result.

[Checked By]

Print.Date/Time: 11-03-2025 17:06:56

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
HEPATITIS C VIRUS (HCV) ANTIBODIES				

HEPATITIS C VIRUS (HCV) ANTIBODIES NON REACTIVE Non Reactive

(TRIO DOT ASSAY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	11.2	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	3.20	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	33.4	%	36 - 45	Pulse hieght detection
MCV	103.7	fL	80 - 96	calculated
MCH	34.8	pg	27 - 33	Calculated
MCHC	33.5	g/dL	30 - 36	Calculated
RDW	17.6	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	12910	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	79	%	40 - 75	Flowcytometry
LYMPHOCYTES	14	%	25 - 45	Flowcytometry
EOSINOPHIL	3	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	97,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	120,000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	10,199	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,807	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	387	/cmm	20-500	Calculated
Absolute Monocytes Count	516	/cmm	200-1000	Calculated
Mentzer Index	32			
Peripheral Blood Picture	:			

Red blood cells show cytopenia + with macrocytes, anisocytosis+. WBCs show neutrophilic leucocytosis. Platelets are reduced. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.1	MEq/L	3.5 - 5.5	ISE Direct
BLOOD UREA				
BLOOD UREA	24.00	mg/dl	15 - 45	Urease, UV, Serum
SERUM CREATININE				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	7.95	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	3.11	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	4.84	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	104.40	U/L	30 - 120	PNPP, AMP Buffer
SGPT	22.0	U/L	5 - 40	UV without P5P
SGOT	115.0	U/L	5 - 40	UV without P5P

FINDING CHECKED TWICE.PLEASE CORRELATE CLINICALLY

*** End Of Report ***

CHARAK



[Checked By]



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