

Patient Name : Mr.AKHILESH TRIVEDI	Visit No : CHA250038973
Age/Gender : 48 Y/M	Registration ON : 04/Mar/2025 01: 27PM
<b>Lab No : 10136268</b>	Sample Collected ON : 04/Mar/2025 01: 29PM
Referred By : Dr.KGMU	Sample Received ON : 04/Mar/2025 01: 47PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 04/Mar/2025 03: 31PM
Doctor Advice : HCV,HBSAg,HIV,RANDOM,CREATININE,UREA,CBC (WHOLE BLOOD)	



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

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]

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\*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA DR. SHADAB DR. ADITI D AGARWAL  
PATHOLOGIST PATHOLOGIST PATHOLOGIST

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HIV</b>				
HIV-SEROLOGY	NON REACTIVE		<1.0 : NON REACTIVE >1.0 : REACTIVE	

Done by: Vitros ECI ( Sandwich Assay)

Note:-Elisa test is a screening method for HIV.It is known to give false Positive & Negative result.  
Hence confirmation:"Western Blot" method is advised.

<b>HCV</b>				
Anti-Hepatitis C Virus Antibodies.	NON REACTIVE		< 1.0 : NON REACTIVE > 1.0 : REACTIVE	Sandwich Assay

Done by: Vitros ECI ( Sandwich Assay)

Note:This is only a Screening test. Confirmation of the result ( Non Reactive/Reactive)should be done by performing a PCR based test.

CHARAK

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*Dr. Aditi D Agarwal*  
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Referred By : Dr.KGMU	Sample Received ON : 04/Mar/2025 01: 45PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 04/Mar/2025 03: 30PM
Doctor Advice : HCV,HBSAg,HIV,RANDOM,CREATININE,UREA,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	15.8	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.90	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	45.5	%	36 - 45	Pulse hieght detection
MCV	93.0	fL	80 - 96	calculated
MCH	32.3	pg	27 - 33	Calculated
MCHC	34.7	g/dL	30 - 36	Calculated
RDW	12.8	%	11 - 15	RBC histogram derivation
RETIC	0.5 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	10550	/cmm	4000 - 10000	Flocytrometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	75	%	40 - 75	Flowcytometry
LYMPHOCYTES	16	%	25 - 45	Flowcytometry
EOSINOPHIL	5	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	225,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	225000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	7,912	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,688	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	528	/cmm	20-500	Calculated
Absolute Monocytes Count	422	/cmm	200-1000	Calculated
Mentzer Index	19			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



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*Signature*

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	125	mg/dl	70 - 170	Hexokinase
<b>BLOOD UREA</b>				
BLOOD UREA	18.60	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

\*\*\* End Of Report \*\*\*

CHARAK



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