

Phone: 0522-4062223, 9305548277, 8400888844 9415577933, 9336154100, Tollfree No.: 8688360360

E-mail: charak1984@gmail.com

CMO Reg. No. RMEE 2445133 NABL Reg. No. MC-2491 Certificate No. MIS-2023-0218

Patient Name : Ms. DHARMAWATI DEVI

Age/Gender : 65 Y/F

PR.

Lab No : 10136311

Referred By : Dr.RAJSHREE SINGH Refer Lab/Hosp : CGHS (BILLING)

Doctor Advice : RANDOM,HCV,HBSAg,HIV,CBC+ESR

Visit No : CHA250039016

Registration ON : 04/Mar/2025 02:07PM

Sample Collected ON : 04/Mar/2025 02: 10PM Sample Received ON : 04/Mar/2025 02: 22PM

Report Generated ON : 04/Mar/2025 04:04PM



Westergreen

Test Name	Result	Unit	Bio. Ref. Range	Method	
CBC+ESR (COMPLETE BLOOD COUNT)					









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Test Name	Result	Unit	Bio. Ref. Range	Method
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**HEPATITIS B SURFACE ANTIGEN (HBsAg)** 

Sample Type : SERUM

PR.

HEPATITIS B SURFACE ANTIGEN

NON REACTIVE

<1 - Non Reactive

**CMIA** 

>1 - Reactive

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

## **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.



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[Checked By]

DR. NISHANT SHARMA DR. SHADAB
PATHOLOGIST PATHOLOGIST



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Test Name Result Unit Bio. Ref. Range Method

HIV

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.

**HCV** 

Anti-Hepatitis C Virus Antibodies.

NON REACTIVE

< 1.0 : NON REACTIVE

Sandwich Assay

> 1.0 : REACTIVE

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





Dogume .

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CBC+ESR (COMPLETE BLOOD COUNT)				
Hb	12.5	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	3.60	mil/cmm	3.8 - 4.8	Electrical
				Impedence
PCV	38.4	%	36 - 45	Pulse hieght
				detection
MCV	106.7	fL	80 - 96	calculated
MCH	34.7	pg	27 - 33	Calculated
MCHC	32.6	g/dL	30 - 36	Calculated
RDW	13.3	%	11 - 15	RBC histogram
				derivation
RETIC	0.7 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	7860	/cmm	4000 - 10000	Flocytrometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	59	%	40 - 75	Flowcytrometry
LYMPHOCYTE	32	%	20-40	Flowcytrometry
EOSINOPHIL	7	%	1 - 6	Flowcytrometry
MONOCYTE	2	%	2 - 10	Flowcytrometry
BASOPHIL	0	%	00 - 01	Flowcytrometry
PLATELET COUNT	232,000	/cmm	150000 - 450000	Elect Imped
PLATELET COUNT (MANUAL)	232000	/cmm	150000 - 450000	Microscopy.
Mentzer Index	30	40	A 1.7	
Peripheral Blood Picture				

Red blood cells are normocytic normochromic with macrocytes. WBCs show eosinophilia. Platelets are adequate. No immature cells or parasite seen.







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Test Name	Result	Unit	Bio. Ref. Range	Method	
BLOOD SUGAR RANDOM					
BLOOD SUGAR RANDOM	85.7	mg/dl	70 - 170	Hexokinase	







