Charak dhar DIAGNOSTICS Pvt. Ltd.

292/05, Tulsidas Marg, Basement Chowk, Lucknow-226 003
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.SALIHA BEGUM	Visit No	: CHA250047416
Age/Gender	: 70 Y/F	Registration ON	: 17/Mar/2025 05:31PM
Lab No	**: 10144711**	Sample Collected ON	: 17/Mar/2025 06:07PM
Referred By	: Dr.MOHD MUBASHIR	Sample Received ON	: 17/Mar/2025 06:07PM
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 07:17PM
Doctor Advice	: 2D ECHO,DIGITAL 1,HBA1C (EDTA),ECG,URINE COM. EXMAMINATION,LFT,HCV,HBSAg,HIV,PT/PC/INR,BTCT,CREATININE,UREA,RANDOM,BLOOD GROUP,ESR,CBC (WHOLE BLOOD)		

PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP				
Blood Group	''O''			
Rh (Anti -D)	**POSITIVE**			
ESR				
Erythrocyte Sedimentation Rate ESR	**88.00**		0 - 20	Westergreen

Note:

1. Test conducted on EDTA whole blood at 37°C.
2. ESR readings are auto- corrected with respect to Hematocrit (PCV) values.
3. It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever. It is also increased in multiple myeloma, hypothyroidism.

HBA1C				
Glycosylated Hemoglobin (HbA1c)	**5.8**	%	4 - 5.7	HPLC (EDTA)

NOTE:-
Glycosylated Hemoglobin Test (HbA1c)is performed in this laboratoryby the Gold Standard Reference method,ie:HPLC Technology(High performance Liquid Chromatography D10) from Bio-Rad Laboratories.USA.

EXPECTED (RESULT) RANGE :

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

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PATHOLOGIST

DR. SHADABKHAN
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Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
PT/PC/INR				
PROTHROMBIN TIME	15 Second		13 Second	Clotting Assay
Protrhromin concentration	79 %		100 %	
INR (International Normalized Ratio)	**1.16**		1.0	
HEPATITIS B SURFACE ANTIGEN (HBsAg)				
Sample Type : Serum				
HEPATITIS B SURFACE ANTIGEN	NON REACTIVE		<1 - Non Reactive >1 - Reactive	CMIA

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.

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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.

Test Name	Result	Unit	Bio. Ref. Range	Method
HCV				
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.

Test Name	Result	Unit	Bio. Ref. Range
BT/CT			
BLEEDING TIME (BT)	3 mint 15 sec	mins	2 - 8
CLOTTING TIME (CT)	6 mint 30 sec		3 - 10 MINS.

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Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 07:46PM
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PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	**9.8**	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	**3.50**	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	**30.0**	%	36 - 45	Pulse hieght detection
MCV	84.7	fL	80 - 96	calculated
MCH	27.7	pg	27 - 33	Calculated
MCHC	32.7	g/dL	30 - 36	Calculated
RDW	14.6	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	**16070**	/cmm	4000 - 10000	Flocytrometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	**85**	%	40 - 75	Flowcytrometry
LYMPHOCYTES	**7**	%	25 - 45	Flowcytrometry
EOSINOPHIL	5	%	1 - 6	Flowcytrometry
MONOCYTE	3	%	2 - 10	Flowcytrometry
BASOPHIL	**0**	%	00 - 01	Flowcytrometry
PLATELET COUNT	208,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	208000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	**13,660**	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,125	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	804	/cmm	20-500	Calculated
Absolute Monocytes Count	482	/cmm	200-1000	Calculated
Mentzer Index	24			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic.WBCs show neutrophilic leukocytosis with left shift. Platelets are adequate. No parasite seen.

MC-2491

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PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD SUGAR RANDOM				
BLOOD SUGAR RANDOM	117.1	mg/dl	70 - 170	Hexokinase
BLOOD UREA				
BLOOD UREA	**99.00**	mg/dl	15 - 45	Urease, UV, Serum
SERUM CREATININE				
CREATININE	**2.70**	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.61	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.12	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.49	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	**215.80**	U/L	30 - 120	PNPP, AMP Buffer
SGPT	17.0	U/L	5 - 40	UV without P5P
SGOT	31.0	U/L	5 - 40	UV without P5P

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

MC-2491

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