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.KUMARI | Visit No | : CHA250043608 |
| Age/Gender | : 80 Y/F | Registration ON | : 11/Mar/2025 10:01AM |
| **Lab No** | **: 10140903** | Sample Collected ON | : 11/Mar/2025 10:03AM |
| Referred By | : Dr.ASHISH KUMAR | Sample Received ON | : 11/Mar/2025 10:22AM |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 11/Mar/2025 01:31PM |
| Doctor Advice | : BMD WHOLE BODY,CHEST PA,2D ECHO,ECG,HBSAg,HCV,HIV,LFT,NA+K+,CREATININE,UREA,PT/PC/INR,RANDOM,CBC (WHOLE BLOOD) | | |

PR.

| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---|---|---|---|---|
| **PT/PC/INR** | | | | |
| PROTHROMBIN TIME | 13 Second | | 13 Second | Clotting Assay |
| Protrhromin concentration | 100 % | | 100 % | |
| INR (International Normalized Ratio) | 1.00 | | 1.0 | |
| **HEPATITIS B SURFACE ANTIGEN (HBsAg)** | | | | |
| **Sample Type : SERUM** | | | | |
| HEPATITIS B SURFACE ANTIGEN | NON REACTIVE | | <1 - Non Reactive<br>>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.

[Checked By]

Print.Date/Time: 11-03-2025 17:33:11
*Patient Identity Has Not Been Verified. Not For Medicolegal

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

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---|---|---|---|---|
| **HIV** | | | | |
| HIV-SEROLOGY | NON REACTIVE | | <1.0 : NON REACTIVE<br>>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 |
|---|---|---|---|---|
| **HEPATITIS C VIRUS (HCV) ANTIBODIES** | | | | |
| HEPATITIS C VIRUS (HCV) ANTIBODIES | NON REACTIVE | | Non Reactive | |

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



[Checked By]

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PR.

| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---|---|---|---|---|
| **CBC (COMPLETE BLOOD COUNT)** | | | | |
| Hb | **7.8** | g/dl | 12 - 15 | Non Cyanide |
| R.B.C. COUNT | **2.60** | mil/cmm | 3.8 - 4.8 | Electrical Impedence |
| PCV | **24.4** | % | 36 - 45 | Pulse hieght detection |
| MCV | 92.8 | fL | 80 - 96 | calculated |
| MCH | 29.7 | pg | 27 - 33 | Calculated |
| MCHC | 32 | g/dL | 30 - 36 | Calculated |
| RDW | **15.1** | % | 11 - 15 | RBC histogram derivation |
| RETIC | 0.8 % | % | 0.5 - 2.5 | Microscopy |
| TOTAL LEUCOCYTES COUNT | 6280 | /cmm | 4000 - 10000 | Flocytrometry |
| **DIFFERENTIAL LEUCOCYTE COUNT** | | | | |
| NEUTROPHIL | **77** | % | 40 - 75 | Flowcytrometry |
| LYMPHOCYTES | **13** | % | 25 - 45 | Flowcytrometry |
| EOSINOPHIL | 6 | % | 1 - 6 | Flowcytrometry |
| MONOCYTE | 4 | % | 2 - 10 | Flowcytrometry |
| BASOPHIL | **0** | % | 00 - 01 | Flowcytrometry |
| PLATELET COUNT | 219,000 | /cmm | 150000 - 450000 | Elect Imped.. |
| PLATELET COUNT (MANUAL) | 219000 | /cmm | 150000 - 450000 | Microscopy . |
| Absolute Neutrophils Count | 4,836 | /cmm | 2000 - 7000 | Calculated |
| Absolute Lymphocytes Count | 816 | /cmm | 1000-3000 | Calculated |
| Absolute Eosinophils Count | 377 | /cmm | 20-500 | Calculated |
| Absolute Monocytes Count | 251 | /cmm | 200-1000 | Calculated |
| Mentzer Index | 36 | | | |
| Peripheral Blood Picture | : | | | |

Red blood cells show cytopenia ++ with normocytic normochromic, anisocytosis+. Platelets are adequate. No immature cells or parasite seen.

MC-2491

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PR.

| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---|---|---|---|---|
| **BLOOD SUGAR RANDOM** | | | | |
| BLOOD SUGAR RANDOM | 118.7 | mg/dl | 70 - 170 | Hexokinase |
| **NA+K+** | | | | |
| SODIUM Serum | 137.0 | MEq/L | 135 - 155 | ISE Direct |
| POTASSIUM Serum | 4.1 | MEq/L | 3.5 - 5.5 | ISE Direct |
| **BLOOD UREA** | | | | |
| BLOOD UREA | **54.40** | mg/dl | 15 - 45 | Urease, UV, Serum |
| FINDING CHECKED TWICE.PLEASE CORRELATE CLINICALLY | | | | |
| **SERUM CREATININE** | | | | |
| CREATININE | 0.60 | mg/dl | 0.50 - 1.40 | Alkaline picrate-kinetic |
| **LIVER FUNCTION TEST** | | | | |
| TOTAL BILIRUBIN | 0.46 | mg/dl | 0.4 - 1.1 | Diazonium Ion |
| CONJUGATED ( D. Bilirubin) | 0.09 | mg/dL | 0.00-0.30 | Diazotization |
| UNCONJUGATED ( I.D. Bilirubin) | 0.37 | mg/dL | 0.1 - 1.0 | Calculated |
| ALK PHOS | **122.00** | U/L | 30 - 120 | PNPP, AMP Buffer |
| SGPT | 14.0 | U/L | 5 - 40 | UV without P5P |
| SGOT | 19.0 | U/L | 5 - 40 | UV without P5P |

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

MC-2491

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