

### भारत सरकार Government of India



शिवम कूलवाल Shivam Koolwal जन्म तिथि / DOB : 21/10/1999 पुरुष / Male



### मेरा आधार, मेरी पहचान

3760 0643 0159



### भारतीय विशिष्ट पहचान प्राधिकरण

### Unique Identification Authority of India

पता:

आत्मजः राकेश कूलवाल, 18 मिलाप नगर, टोंक रोड, दुर्गापुरा, जयपुर, दुर्गा पुरा, राजस्थान, 302018 Address:

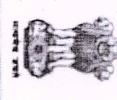
S/O: Rakesh Koolwal, 18 Milap Nagar, Tonk Road, Durgapura, Jaipur, Durgapura, Rajasthan, 302018

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Address:

302018 S/O: Rakesh Koolwal, 18 Milap Jaipur, Durgapura, Rajasthan, Nagar, Tonk Road, Durgapura

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help@uidai.gov.in





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⊕ +91 141 4824885 ⊕ maxcarediagnostics1@gmail.com



### **General Physical Examination**

| Date of Examination:   |   |
|--|---|
| Name: SHIVAM KOOLUAL Age   | :: <u>94 y 2</u> DOB: <u>21/10/1939</u> Sex: Mace |
| Referred By: DANK OF DAIR DDA  |   |
| Photo ID: AADHAR CARD ID#: 0153  |   |
| Ht: 174 (cm)   | Wt: <u></u> <u></u> <u> </u>                      |
| Chest (Expiration): 10 ∞ (cm)  | Abdomen Circumference:&3 (cm)                     |
| Blood Pressure: 101/80 mm Hg PR: 79/mi   | in RR: 18/min Temp: Aleborite                     |
| BMI QGY  |   |
| Eye Examination: RIEJGIG NIG NOC   | 3   |
| Other:   | . Ho  |
|  | . H   |
| The state of the s |   |
| On examination he/she appears physically and menta   | lly fit: Yes / No                                 |
| Signature Of Examine:  | Name of Examinee: -SH-TVAM Keel Cal               |
| Signature Medical Examiner: 115H GOYAL MBBS, DMRD (Addiologist) RMC No. 37041  | - Name Medical Examiner LXC 12 IX U.S.H. C. OVA C |

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Patient ID 122456 Patient Mob No.9982204666

NAME Mr. SHIVAM KOOLWAL

Age 24 Yrs 55 dwin 20 Materys
Ref. By BANK OF BARODA

Lab/Hosp Mr.MEDIWHEEL

Registered On 09/04/2024 11:35:37

Collected On 09/04/2024 13:49:01 Authorized On 09/04/2024 17:12:33

Printed On

09/04/2024 17:12:40

### HAEMOGARAM

| Test Name                         | Value  | Unit     | Biological Ref Interval |
|-----------------------------------|--------|----------|-------------------------|
| Mediwheel Full Body Standard Plus |        |          |                         |
| HAEMOGLOBIN (Hb)                  | 16.3   | g/dL     | 13.0 - 17.0             |
| TOTAL LEUCOCYTE COUNT             | 6.90   | /cumm    | 4.00 - 10.00            |
| DIFFERENTIAL LEUCOCYTE COUNT      |        | 33       |                         |
| NEUTROPHIL                        | 80.0   | %        | 40.0 - 80.0             |
| LYMPHOCYTE                        | 17.0 L | %        | 20.0 - 40.0             |
| EOSINOPHIL                        | 1.0    | %        | 1.0 - 6.0               |
| MONOCYTE                          | 2.0    | %        | 2.0 - 10.0              |
| BASOPHIL                          | 0.0    | %        | 0.0 - 2.0               |
| TOTAL RED BLOOD CELL COUNT (RBC)  | 4.85   | x10^6/uL | 4.50 - 5.50             |
| HEMATOCRIT (HCT)                  | 48.50  | %        | 40.00 - 50.00           |
| MEAN CORP VOLUME (MCV)            | 100.0  | fL       | 83.0 - 101.0            |
| MEAN CORP HB (MCH)                | 33.7 H | pg       | 27.0 - 32.0             |
| MEAN CORP HB CONC (MCHC)          | 13.7 └ | g/dL     | 31.5 - 34.5             |
| PLATELET COUNT                    | 238    | x10^3/uL | 150 - 410               |
| RDW-CV                            | 13.5   | % .      | 11.6 - 14.0             |

Technologist age No logist



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HAEMATOLOGY

Mr.MEDIWHEEL

Lab/Hosp

| Test Name                            | Value | Unit         | Biological Ref Interval |
|--------------------------------------|-------|--------------|-------------------------|
| Erythrocyte Sedimentation Rate (ESR) | 13    | mm in 1st hr | 00 - 15                 |

The erythrocyte sedimentation rate (ESR or sed rate) is a relatively simple, inexpensive, non-specific test that has been used for many years to help detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.ESR is said to be a non-specific test because an elevated result often indicates the presence of inflammation but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other tests, such as C-reactive protein. ESR is used to help diagnose certain specific inflammatory diseases, including temporal arteritis, systemic vasculitis and polymyalgia rheumatica. (For more on these, read the article on Vasculitis.) A significantly elevated ESR is one of the main test results used to support the diagnosis. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as

Technologist



Age

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(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance. and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex-6 part fully automatic analyzer XN-L,Japan



Page No: 3 of 12



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| Test Name  | Value | Unit            |    | Biological Ref Inter | val |
|--|-------|-----------------|----|----------------------|-----|
| FASTING BLOOD SUGAR (Plasma)<br>Methord:- GLUCOSE OXIDASE/PEROXIDASE | 74.2  | mg/dl           | 50 | 70.0 - 115.0         |     |
| Impaired glucose tolerance (IGT)                                     |       | 111 - 125 mg/dL |    |                      |     |
| Diabetes Mellitus (DM)   |       | > 126 mg/dL     |    |                      |     |

Instrument Name: HORIBA CA60 Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm,

hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin

therapy or various liver diseases.

Mr.MEDIWHEEL

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Test Name

Value

Unit

**Biological Ref Interval** 

TEST

**BLOOD GROUP ABO** 

"O" POSITIVE



Technologist

DR.TANU RUNGTA MD (Pathology) RMC No. 17226

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| Test Name   | Value             | Unit  | Biological Ref Interval  |
|---|-------------------|-------|--|
| GLYCOSYLATED HEMOGLOBIN (F<br>Methord:- CAPILLARY with EDTA | <b>IbA1C)</b> 5.2 | mg%   | Non-Diabetic < 6.0<br>Good Control 6.0-7.0<br>Weak Control 7.0-8.0<br>Poor control > 8.0 |
| MEAN PLASMA GLUCOSE Methord:- Calculated Parameter          | 102               | mg/dL | 68 - 125   |

### INTERPRETATION

AS PER AMERICAN DIABETES ASSOCIATION (ADA) Reference Group HbA1c in % Non diabetic adults >=18 years < 5.7

Mr.MEDIWHEEL

At risk (Prediabetes) 5.7 - 6.4

Diagnosing Diabetes >= 6.5

### CLINICAL NOTES

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings. Some of the factors that influence HbA1c and its measurement [Adapted from Gallagher et al.]

- Increased HbA1c: iron, vitamin B12 deficiency, decreased erythropoiesis.
   Decreased HbA1c: administration of erythropoietin, iron, vitamin B12, reticulocytosis, chronic liver disease.
- 2. Altered Haemoglobin-Genetic or chemical alterations in hemoglobin: hemoglobinopathies, HbF, methemoglobin, may increase or decrease HbA1c.
- 3. Glycation
- Increased HbA1c: alcoholism, chronic renal failure, decreased intraerythrocytic pH
- Decreased HbA1c: certain hemoglobinopathies, increased intra-erythrocyte pH
- 4. Erythrocyte destruction
- Increased HbA1c: increased erythrocyte life span: Splenectomy.
- Decreased A1c: decreased RBC life span: hemoglobinopathies, splenomegaly, rheumatoid arthritis or drugs such as antiretrovirals, ribavirin & dapsone.
- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin, chronic opiate use, chronic renal failure

- Decreased HbA1c: hypertriglyceridemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E splenomegaly, rheumatoid arthritis or drugs

DR.TANU RUNGTA MD (Pathology)

RMC No. 17226



Mr.MEDIWHEEL

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| Test Name   | Value  | Unit  | Biological Ref Interval  |
|---|--------|-------|--|
| LIPID PROFILE   |        |       |  |
| SERUM TOTAL CHOLESTEROL Methord:- CHOLESTEROL OXIDASE/PEROXIDASE    | 163.00 | mg/dl | Desirable <200<br>Borderline 200-239<br>High> 240  |
| SERUM TRIGLYCERIDES Methord:- GLYCEROL PHOSPHATE OXIDASE/PREOXIDASE | 103.00 | mg/dl | Normal <150<br>Borderline high 150-199<br>High 200-499<br>Very high >500                             |
| DIRECT HDL CHOLESTEROL Methord:- Direct clearance Method            | 41.20  | mg/dl | 30.00 - 70.00  |
|   |        |       | MALE- 30-70<br>FEMALE - 30-85  |
| LDL CHOLESTEROL Methord:- Calculated Method                         | 104.63 | mg/dl | Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190 |
| VLDL CHOLESTEROL<br>Methord: - Calculated                           | 20.60  | mg/dl | 0.00 - 80.00   |
| T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord: - Calculated           | 3.96   |       | 0.00 - 4.90  |
| LDL / HDL CHOLESTEROL RATIO Methord:- Calculated                    | 2.54   |       | 0.00 - 3.50  |
| TOTAL LIPID Methord: CALCULATED                                     | 490.45 | mg/dl | 400.00 - 1000.00   |

1 Measurements in the same patient can show physiological& analytical variations. Three serialsamples I week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.

As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the
age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is
recommended

3 Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.

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### **BIOCHEMISTRY**

Mr.MEDIWHEEL

Lab/Hosp

| Test Name  | Value  | Unit  | Biological Ref Interval                             |
|--|--------|-------|---|
| LIVER FUNCTION TEST                                      |        |       |   |
| SERUM BILIRUBIN (TOTAL) Methord:- DIAZOTIZED SULFANILIC  | 0.98   | mg/dL | Infants: 0.2-8.0 mg/dL<br>Adult - Up to - 1.2 mg/dL |
| SERUM BILIRUBIN (DIRECT) Methord:- DIAZOTIZED SULFANILIC | 0.21   | mg/dL | Up to 0.40 mg/dL                                    |
| SERUM BILIRUBIN (INDIRECT) Methord:- Calculated          | 0.77   | mg/dl | 0.30-0.70   |
| SGOT<br>Methord:- IFCC                                   | 18.6   | U/L   | 0.0 - 40.0  |
| SGPT<br>Methord:- IFCC                                   | 22.1   | U/L   | 0.0 - 40.0  |
| SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE          | 85.60  | U/L   | 53.00 - 141.00                                      |
| SERUM TOTAL PROTEIN Methord:- BIURET                     | 6.85   | g/dl  | 6.00 - 8.40   |
| SERUM ALBUMIN Methord:- BROMOCRESOL GREEN                | 4.35   | g/dl  | 3.50 - 5.50   |
| SERUM GLOBULIN Methord:- CALCULATION                     | . 2.50 | gm/dl | 2.20 - 3.50   |
| A/G RATIO  | 1.74   |       | 1.30 - 2.50   |

Note: These are group of tests that can be used to detect the presence of liver disease, distinguish among different types of liver disorders, gauge the extent of known liver damage, and monitor the response to treatment. Most liver diseases cause only mild symptoms initially, but these diseases must be detected early. Some tests are associated with functionality (e.g., albumin), some with cellular integrity (e.g., transaminase), and some with conditions linked to the biliary tract (gamma-glutamyl transferase and alkaline phosphatase). Conditions with elevated levels of ALT and AST include hepatitis A,B, C, paracetamol toxicity etc. Several biochemical tests are useful in the evaluation and management of patients with hepatic dysfunction. Some or all of these measurements are also carried out (usually about twice a year for routine cases) on those individuals taking certain medications, such as anticonvulsants, to ensure that the medications are not adversely impacting the person's liver.

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| Lab/Hosp   | Mr.MEDIWHEEL                            |             |                        |

| Test Name   | Value | Unit   | Biological Ref Interval |
|---|-------|--------|-------------------------|
| TOTAL THYROID PROFILE THYROID-TRIIODOTHYRONINE T3 Methord:- ECLIA | 0.98  | ng/mL  | 0.70 - 2.04             |
| THYROID - THYROXINE (T4) Methord:- ECLIA                          | 8.01  | ug/dl  | 5.10 - 14.10            |
| TSH Methord:- ECLIA   | 1.650 | μIU/mL | 0.350 - 5.500           |

4th Generation Assay, Reference ranges vary between laboratories

PREGNANCY - REFERENCE RANGE for TSH IN ulU/mL (As per American Thyroid Association)

1st Trimester: 0.10-2.50 uIU/mL 2nd Trimester: 0.20-3.00 uIU/mL 3rd Trimester: 0.30-3.00 uIU/mL

The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy.

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result.

### INTERPRETATION

- 1.Primary hyperthyroidism is accompanied by ↑serum T3 & T4 values along with ↓ TSH level.
- 2.Primary hypothyroidism is accompanied by ↓ serum T3 and T4 values & ↑serum TSH levels
- 3.Normal T4 levels accompanied by † T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
- 4.Normal or↓ T3 & ↑T4 levels indicate T4 Thyrotoxicosis ( problem is conversion of T4 to T3)
- 5.Normal T3 & T4 along with | TSH indicate mild / Subclinical Hyperthyroidism
- . COMMENTS: Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test.

Disclaimer-TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly

. Reference ranges are from Teitz fundamental of clinical chemistry 8th ed (2018

Test performed by Instrument : Beckman coulter Dxi 800

Note: The result obtained relate only to the sample given/ received & tested. A single test result is not always indicative of a disease, it has to be correlated with clinical data for interpretation.

Technologist

MD (Pathology) RMC No. 17226



Mr.MEDIWHEEL

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| Test Name  | Value | Unit   | Biological Ref Interval                             |
|--|-------|--------|---|
| RFT / KFT WITH ELECTROLYTES                              |       | **     |   |
| SERUM UREA<br>Methord:- UREASE / GLUTAMATE DEHYDROGENASE | 36.50 | mg/dl  | 10.00 - 50.00                                       |
| SERUM CREATININE<br>Methord:- JAFFE                      | 0.93  | mg/dl  | Males : 0.6-1.50 mg/dl<br>Females : 0.6 -1.40 mg/dl |
| SERUM URIC ACID Methord:- URICASE/PEROXIDASE             | 4.21  | mg/dl  | 2.40 - 7.00   |
| SODIUM<br>Methord:- ISE<br>Interpretation:               | 142.3 | mmol/L | 135.0 - 150.0                                       |

Electrolytes are minerals that are found in body tissues and blood in the form of dissolved salts. As electrically charged particles, electrolytes help move nutrients into and wastes out of the body's cells, maintain a healthy water balance, and help stabilize the body's acid/base (pH) level. The electrolyte panel measures the blood levels of the main electrolytes in the body:

<sup>\*</sup> Sodium—most of the body's sodium is found in the fluid outside of the body's cells, where it helps to regulate the amount of water in the body.

| POTASSIUM     |
|---------------|
| Methord:- ISE |

4.21

mmol/L

3.50 - 5.50

| ( | ZI. | H | O. | RI | D | Е |
|---|-----|---|----|----|---|---|
|   |     |   |    |    |   |   |

100.2

mmol/L

94.0 - 110.0

Methord:- ISE

\* Chloride—this electrolyte moves in and out of the cells to help maintain electrical neutrality (concentrations of positively charged cations and negatively charged anions must be equal) and its level usually mirrors that of sodium. Due to its close association with sodium, chloride also helps to regulate the distribution of water in the body

| SERUM CALCIUM<br>Methord:- Arsenazo III Method | 9.85 | mg/dL | 8.80 - 10.20 |
|--|------|-------|--------------|
| SERUM TOTAL PROTEIN Methord:- BIURET           | 6.85 | g/dl  | 6.00 - 8.40  |
| SERUM ALBUMIN Methord:- BROMOCRESOL GREEN      | 4.35 | g/dl  | 3.50 - 5.50  |

Technologist<sub>2</sub>

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

<sup>\* &</sup>lt;u>Potassium</u>—this electrolyte is found mainly inside the body's cells. A small but vital amount of potassium is found in the plasma, the liquid portion of the blood. Potassium plays an important role in regulating muscle contraction. Monitoring potassium is important as small changes in the potassium level can affect the heart's rhythm and ability to contract



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09/04/2024 17:12:33

09/04/2024 17:12:40

Ref. By Lab/Hosp

Age

Mr.MEDIWHEEL

Mr. SHIVAM KOOLWAL

24 Yrs 55 Non 20Maleys BANK OF BARODA

**BIOCHEMISTRY** 

| Test Name                            | Value | Unit  | Biological Ref Interval |
|--------------------------------------|-------|-------|-------------------------|
| SERUM GLOBULIN Methord:- CALCULATION | 2.50  | gm/dl | 2.20 - 3.50             |
| A/G RATIO                            | 1.74  | w .   | 1.30 - 2.50             |

Kidney function tests are group of tests that can be used to evaluate how well the kidneys are functioning. Creatinine is a waste product that comes from protein in the diet and also comes from the normal wear and tear of muscles of the body. In blood, it is a marker of GFR in urine, it can remove the need for 24-hourcollections for many analytes or be used as a quality assurance tool to assess the accuracy of a 24-hour collection Higher levels may be a sign that the kidneys are not working properly. As kidney disease progresses, the level of creatinine and urea in the bloodinereases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs.

Low serum creatinine values are rare, they almost always reflect low muscle mass

Apart from renal failure Blood Urea can increase in dehydration and GI bleed

Technologist<sub>2</sub>

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

**⊙** B-14, Vidhyadhar Enclave-II, Near Axix Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

⑥ +91 141 4824885 ② maxcarediagnostics1@gmail.com



| Patient ID | <b>122456</b> Patient Mob No.9982204666 | Registered On | 09/04/2024 11:35:37 |
|------------|---|---------------|---------------------|
| NAME       | Mr. SHIVAM KOOLWAL                      | Collected On  | 09/04/2024 13:49:01 |
| Age        | 24 Yrs 55 Alfon 20MD beys               | Authorized On | 09/04/2024 17:12:33 |
| Ref. By    | BANK OF BARODA                          | Printed On    | 09/04/2024 17:12:40 |
| Lab/Hosp   | Mr.MEDIWHEEL                            |               | *                   |

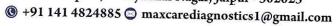
| Test Name                   | Value  | Unit .   | Biological Ref Interval |
|-----------------------------|--|--|-------------------------|
| Urine Routine               |  |  |                         |
| PHYSICAL EXAMINATION        |  |  | W g                     |
| COLOUR                      | PALE YELLOW  | <i>I</i>   | PALE YELLOW             |
| APPEARANCE                  | Clear  |  | Clear                   |
| <b>CHEMICAL EXAMINATION</b> | The state of the s | The same of the sa |                         |
| REACTION(PH)                | 5.0  | -1   | 5.0 - 7.5               |
| SPECIFIC GRAVITY            | 1.030  |  | 1.010 - 1.030           |
| PROTEIN                     | NIL  |  | NIL                     |
| SUGAR                       | NIL  |  | NIL .                   |
| BILIRUBIN                   | NEGATIVE   |  | NEGATIVE                |
| UROBILINOGEN                | NORMAL   |  | NORMAL                  |
| KETONES                     | NEGATIVE   |  | NEGATIVE                |
| NITRITE                     | NEGATIVE   |  | NEGATIVE                |
| MICROSCOPY EXAMINATION      |  |  |                         |
| RBC/HPF                     | NIL  | /HPF   | NIL                     |
| WBC/HPF                     | 2-3  | /HPF   | 2-3                     |
| EPITHELIAL CELLS            | 2-3  | /HPF   | 2-3                     |
| CRYSTALS/HPF                | ABSENT   |  | ABSENT                  |
| CAST/HPF                    | ABSENT   |  | ABSENT                  |
| AMORPHOUS SEDIMENT          | ABSENT   | and the same of th | ABSENT                  |
| BACTERIAL FLORA             | ABSENT   |  | ABSENT                  |
| YEAST CELL                  | ABSENT   | e  | ABSENT                  |
| OTHER                       | ABSENT   |  |                         |

\*\*\* End of Report \*\*\*

Technologist<sub>2</sub>



○ B-14, Vidhyadhar Enclave-II, Near Axix Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023





| NAME:  | MR. SHIVAM KOOLWAL | AGE  | 24 YRS/M   |
|--------|--------------------|------|------------|
| REF.BY | BANK OF BARODA     | DATE | 09/04/2024 |

### CHEST X-RAY (PA VIEW)

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

Thoracic soft tissue and skeletal system appear unremarkable.

Soft tissue shadows appear normal.

IMPRESSION: No significant abnormality is detected

Shalln'

DR.SHALINI GOEL M.B.B.S, D.N.B (Radiodiagnosis) RMC No.: 21954

#P3 HEALTH SOLUTIONS LLP B-14, Vidhyadhar nahar , Jaipur

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