

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 11:37 AM Reported On : 25/03/2023 12:59 PM

Barcode : RB2303250019 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

BLOOD BANK

| Test | Result | Unit |
|------|--------|------|
|------|--------|------|

BLOOD GROUP & RH TYPING

| | | |
|-------------|-----|---|
| Blood Group | "A" | - |
|-------------|-----|---|

| | | |
|-----------|----------|---|
| RH Typing | Positive | - |
|-----------|----------|---|

--End of Report--



Dr. Mohit Pradhan
MBBS, MD Pathology
Consultant Pathologist

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



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Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 11:37 AM Reported On : 25/03/2023 01:08 PM

Barcode : R42303250061 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

HAEMATOLOGY

| Test | Result | Unit | Biological Reference Interval |
|--|----------------|--------------------|-------------------------------|
| COMPLETE BLOOD COUNT (CBC) | | | |
| Haemoglobin (Hb%) (Photometric Measurement) | 14.78 | g/dL | 13.0-17.0 |
| Red Blood Cell Count (Electrical Impedance) | 5.04 | million/ μ l | 4.5-5.5 |
| PCV (Packed Cell Volume) / Hematocrit (Calculated) | 44.4 | % | 40.0-50.0 |
| MCV (Mean Corpuscular Volume) (Derived) | 88.1 | fL | 80.0-100.0 |
| MCH (Mean Corpuscular Haemoglobin) (Calculated) | 29.3 | pg | 27.0-32.0 |
| MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated) | 33.3 | % | 31.5-34.5 |
| Red Cell Distribution Width (RDW) (Derived) | 12.4 | % | 11.6-14.0 |
| Platelet Count (Electrical Impedance Plus Microscopy) | 180 | Thousand / μ L | 150.0-450.0 |
| Mean Platelet Volume (MPV) | 12.85 H | fL | 7.0-11.7 |
| Total Leucocyte Count(WBC) (Electrical Impedance) | 5.90 | Thousand / μ L | 4.0-10.0 |
| DIFFERENTIAL COUNT (DC) | | | |
| Neutrophils (VCS Technology Plus Microscopy) | 58 | % | 35.0-66.0 |
| Lymphocytes (VCS Technology Plus Microscopy) | 37 | % | 24.0-44.0 |
| Monocytes (VCS Technology Plus Microscopy) | 01 L | % | 3.0-6.0 |
| Eosinophils (VCS Technology Plus Microscopy) | 04 H | % | 0.0-3.0 |

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Hospital Address: Near Pardih Chowk, Tamolia, NH 33, Jamshedpur 831012

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Appointments

1800-309-0309 (Toll Free)

Emergencies

7654-824-365

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

| | | | |
|--|------|---|---------|
| Basophils (VCS Technology Plus Microscopy) | 00 | % | 0.0-1.0 |
| Absolute Neutrophil Count | 3.42 | - | - |
| Absolute Lymphocyte Count | 2.18 | - | - |
| Absolute Monocyte Count | 0.06 | - | - |
| Absolute Eosinophil Count | 0.24 | - | - |

--End of Report--



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Consultant Pathologist

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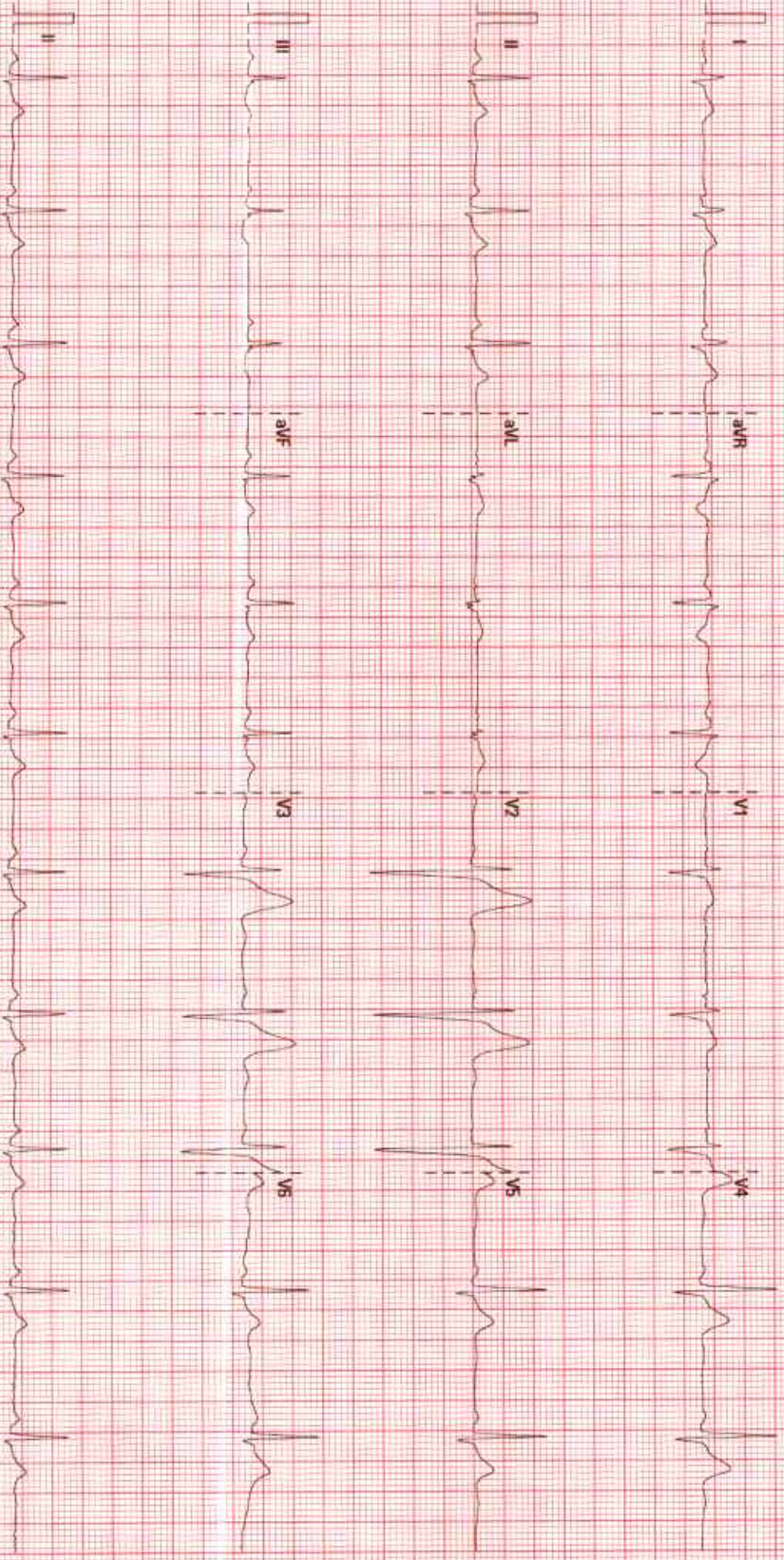
ID: 11530000234013
Name: MR AVINASH PURTY
Age: 34 years
Gender: Male

2023-03-25 12:16:10

| | | |
|-----------------|--------------|--------------|
| Vent Rate | 67 bpm | Sinus rhythm |
| PQ Interval | 138 ms | Normal ECG |
| QRS Duration | 92 ms | |
| QT/QTc Interval | 346/360 ms | |
| P/QRS/T Axes | 66/76/33 deg | |

QTcHodges

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BOH 35 Hr

BNH_JAMSHEDPUR

02:07:00 V26-4-1

SN:IN-8-101126

DEPARTMENT OF LABORATORY MEDICINE

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Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 11:37 AM Reported On : 25/03/2023 01:13 PM

Barcode : R42303250062 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

HAEMATOLOGY

| Test | Result | Unit | Biological Reference Interval |
|--|--------|-------|-------------------------------|
| Erythrocyte Sedimentation Rate (ESR) (Westergren Method) | 08 | mm/hr | 0.0-10.0 |

--End of Report--



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Final Report

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 12:52 PM

Barcode : R12303250094 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|---|--------|-------|---|
| Fasting Blood Sugar (FBS) (Hexokinase) | 89 | mg/dL | Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017) |

--End of Report--



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DEPARTMENT OF LABORATORY MEDICINE

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Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 11:37 AM Reported On : 25/03/2023 12:31 PM

Barcode : R12303250096 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|-----------------------------|--------|------|---|
| HBA1C | | | |
| HbA1c (HPLC NGSP Certified) | 4.0 | % | Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017 |
| Estimated Average Glucose | 68.1 | % | - |

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report-



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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 02:14 PM Received On : 25/03/2023 03:23 PM Reported On : 25/03/2023 04:08 PM

Barcode : R12303250136 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|---|--------|-------|---|
| Post Prandial Blood Sugar (PPBS) (Hexokinase) | 71 | mg/dL | Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017 |

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Final Report

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 12:39 PM

Barcode : R12303250095 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|--|--------|-------|---|
| LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL) | | | |
| Cholesterol Total (Cholesterol Oxidase/Peroxidase) | 177 | mg/dL | Desirable: < 200 Borderline: 200-239 High: > 240 |
| Triglycerides (LPL/GK) | 169 H | mg/dL | Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500 |
| HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase) | 37 L | mg/dL | 40.0-60.0 |
| Non-HDL Cholesterol | 140 | - | - |
| LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase)) | 106 H | mg/dL | Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190 |
| VLDL Cholesterol (Calculated) | 33.8 | mg/dL | <40.0 |
| Cholesterol /HDL Ratio (Calculated) | 4.8 H | - | <4.5 |
| LIVER FUNCTION TEST(LFT) | | | |
| Bilirubin Total (Caffeine Benzoate) | 1.79 H | mg/dL | 0.2-1.0 |
| Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid) | 0.10 | mg/dL | 0.0-0.2 |
| Unconjugated Bilirubin (Indirect) | 1.68 H | mg/dL | 0.0-1.1 |
| Total Protein (Colorimetric - Biuret Method) | 8.57 H | gm/dL | 6.4-8.2 |
| Serum Albumin (Bromocresol Purple Dye Binding) | 4.80 | gm/dL | 3.4-5.0 |
| Serum Globulin (Calculated) | 3.8 H | gm/dL | 2.0-3.5 |

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

| | | | |
|---|-------------|-----|------------|
| Albumin To Globulin (A/G)Ratio (Calculated) | 1.3 | - | 1.0-2.1 |
| SGOT (AST) (UV With Pyridoxal-5-phosphate) | 50 H | U/L | 15.0-37.0 |
| SGPT (ALT) (UV With Pyridoxal-5-phosphate) | 60 | U/L | 16.0-63.0 |
| Alkaline Phosphatase (ALP) (AMP Buffer) | 69 | U/L | 46.0-116.0 |
| Gamma Glutamyl Transferase (GGT) (GCNA) | 26 | U/L | 15.0-85.0 |

RENAL PACKAGE - 2 (RFT FASTING)

| | | | |
|--|------|-------|---|
| Fasting Blood Sugar (FBS) (Hexokinase) | 86 | mg/dL | Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017) |
| Blood Urea Nitrogen (BUN) (Urease, UV) | 7.31 | mg/dL | 7.0-20.0 |

SERUM CREATININE

| | | | |
|--|--------|---------------------------|--|
| Serum Creatinine (Jaffe's Kinetic IDMS) | 1.03 | mg/dL | 0.9-1.3 |
| eGFR (Calculated) | 82.7 | mL/min/1.73m ² | Inductive of Renal Impairment:<60 Note:eGFR is inaccurate for Hemodynamically unstable patients. eGFR is not applicable for less than 18 years of age . |
| Serum Sodium (Indirect IMT) | 140.19 | mmol/L | 136.0-145.0 |
| Serum Potassium (Indirect IMT) | 4.35 | mmol/L | 3.5-5.0 |
| Serum Chloride (Indirect IMT) | 102.30 | mmol/L | 98.0-107.0 |
| Serum Bicarbonate Level (Enzymatic Method) | 27 | mmol/L | 21.0-32.0 |
| Serum Calcium (Cresol Complex) | 9.55 | mg/dL | 8.5-10.1 |
| Serum Magnesium (Methyl Thymol Blue Dye Binding) | 2.03 | mg/dL | 1.8-2.4 |
| Serum Uric Acid (Uricase, UV) | 5.5 | mg/dL | 3.5-7.2 |
| Serum Phosphorus (Phosphomolybdate Reduction) | 3.5 | mg/dL | 2.6-4.7 |

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Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 01:42 PM

Barcode : R22303250026 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

SEROLOGY

| Test | Result | Unit | Biological Reference Interval |
|---|--------|--------|-------------------------------|
| THYROID PROFILE (T3, T4, TSH) | | | |
| Tri Iodo Thyronine (T3) (Chemiluminescence) | 2.07 | nmol/L | 1.49-2.6 |
| Thyroxine (T4) (Chemiluminescence) | 10.3 | ug/dl | 4.5-12.0 |
| TSH (Thyroid Stimulating Hormone) (Chemiluminescence) | 3.994 | μIU/mL | 0.49-4.67 |

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Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

Collected On : 25/03/2023 10:56 AM Received On : 25/03/2023 11:43 AM Reported On : 25/03/2023 01:10 PM

Barcode : R72303250033 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

CLINICAL PATHOLOGY

| Test | Result | Unit | Biological Reference Interval |
|------|--------|------|-------------------------------|
|------|--------|------|-------------------------------|

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

| | | | |
|------------|-------|----|---|
| Volume | 40 | ml | - |
| Colour | Straw | - | - |
| Appearance | Clear | - | - |

CHEMICAL EXAMINATION

| | | | |
|--|-------|---|------------|
| pH(Reaction) (pH Indicator Method) | 6.0 | - | 4.8-7.5 |
| Sp. Gravity (Automated) | 1.020 | - | 1.002-1.03 |
| Protein (Error Of Indicators) | Nil | - | Nil |
| Urine Glucose (Enzyme Method (GOD POD)) | Nil | - | - |
| Ketone Bodies (Rothers's Principle) | Nil | - | - |
| Bile Salts (Diazo Reaction) | Nil | - | - |
| Bile Pigment (Bilirubin) (Diazo Reaction) | Nil | - | - |
| Urobilinogen (Modified Ehrlich's Reaction) | Nil | - | - |
| Urine Leucocyte Esterase (Esterase Reaction With Pyrrole Compound) | Nil | - | - |
| Blood Urine (Peroxidase Reaction) | Nil | - | - |
| Nitrite (Reaction With Diazonium Compound) | Nil | - | - |

MICROSCOPIC EXAMINATION

Page 1 of 2

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Hospital Address: Near Pardi Chowk, Tamolia, NH 33, Jamshedpur 831012

Tel +91 657 6600 500 | Email : info.bnh@narayanahealth.org | www.narayanahealth.org



Appointments

1800-309-0309 (Toll Free)

Emergencies

7654-824-365

Patient Name : Mr Avinash Purty MRN : 17530000234013 Gender/Age : MALE , 34y (26/01/1989)

| | | | |
|----------------------------------|---------|------|---------|
| Pus Cells | 2-3/hpf | /hpf | 0-2/hpf |
| RBC | Nil | - | - |
| Epithelial Cells | 0-2/hpf | - | - |
| Crystals | Nil | - | - |
| Casts | Nil | - | - |
| Bacteria | Nil | - | - |
| Yeast Cells | Nil | - | - |
| Others | Nil | - | - |
| Urine For Sugar (Fasting) | <20 | - | - |

--End of Report--



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Consultant Pathologist

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DEPARTMENT OF LABORATORY MEDICINE

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Collected On : 25/03/2023 02:14 PM Received On : 25/03/2023 02:49 PM Reported On : 25/03/2023 04:12 PM

Barcode : R72303250049 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8001402226

CLINICAL PATHOLOGY

| Test | Result | Unit |
|---------------------------------|--------|------|
| Urine For Sugar (Post Prandial) | <20 | - |

--End of Report--



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| | | | |
|---------------------|----------------|---------------------------|---------------------|
| Patient Name | Avinash Purty | Requested By | Dr. Santosh Gupta |
| MRN | 17530000234013 | Procedure DateTime | 2023-03-25 14:50:35 |
| Age/Sex | 34Y 1M / Male | Hospital | NH Jamshedpur |

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 14.4 cm in cranio-caudal length.

Echotexture: Normal, no focal lesion seen.

IHBD: Nil

Portal vein: Normal in caliber.

GB: Well distended, echofree. Wall is normal in thickness.

CBD: Normal in caliber.

PANCREAS: Normal in size & echotexture.

SPLEEN: Normal in size (10.5 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 9.3 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 9.8 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

No hydronephrosis or calculus seen on either side.

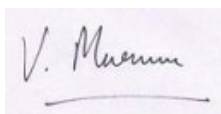
URINARY BLADDER: Well distended, echofree.

PROSTATE: Normal in size (9.8 cc in volume). Echotexture is homogenous.

FREE FLUID: Nil.

*Visualized bowel loops appear normal, no significant lymphadenopathy seen.

IMPRESSION: Normal study.

A handwritten signature in black ink on a light purple background. The signature reads "V. Murmu" with a horizontal line underneath.

Dr Violet Murmu MD.
Sr.Consultant Radiologist

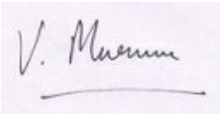
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| | | | |
|---------------------|----------------|---------------------------|---------------------|
| Patient Name | Avinash Purty | Requested By | Dr. Santosh Gupta |
| MRN | 17530000234013 | Procedure DateTime | 2023-03-25 15:28:40 |
| Age/Sex | 34Y 1M / Male | Hospital | NH Jamshedpur |

X-RAY CHEST (PA VIEW)

No parenchymal lesion seen in lung fields.
CP angles are clear.
Cardiac shadow is within normal limit.
Visualized bones & soft tissue appears normal.

IMPRESSION: Normal study.



Dr Violet Murmu MD.
Sr.Consultant Radiologist

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