

10200000281348

Kumar Singh, Sanjay

M

ID: 10200000281348
Name: Kumar Singh, Sanjay
Age: 57 Years
Gender: Male

23-Sep-2023 10:35:29

Vent. Rate 70 bpm
PT Interval 154 ms
QRS Duration 82 ms
QT/QTc Interval 382/400 ms
P/QRS/T Axis 88/56/44 deg

DTo Hoags

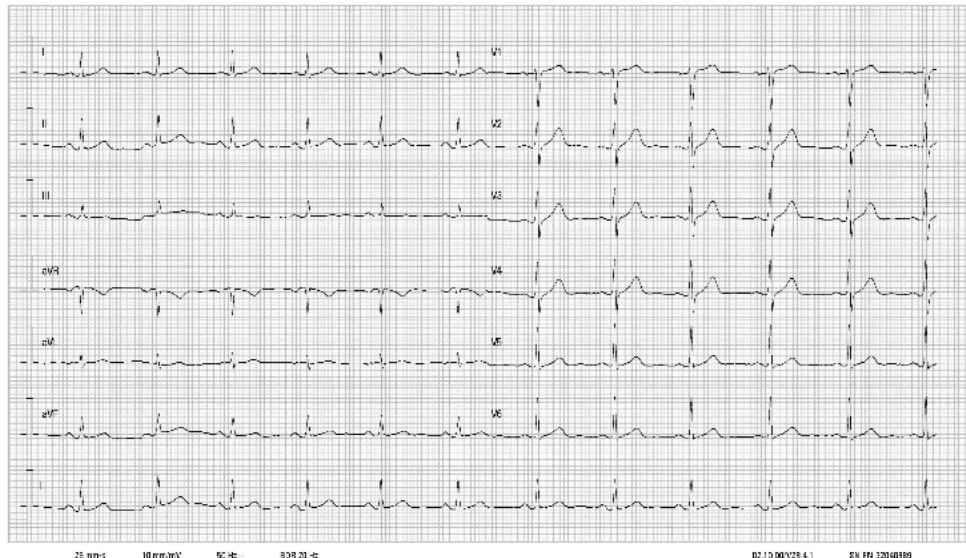
1020-2309049180

23-Sep-2023

Acq: -

Se: 1/1

Im: 1/1



25 mm/s 10 mm/mV 50 Hz 3DR 20 Hz

02.13.00V28.4.1 SN FN 32040180

Zoom: 0.23x
W:256 L:128 (Identity)

DFOV: -

ID: 10200000281345
Name: Singh, Meena
Age: 55 Years
Gender: Female

23-09-2023 10:43:31

Vent. Rate 78 bpm
P-R Interval 150 ms
QRS Duration 68 ms
QT/QTc Interval 371/406 ms
P:QRS:T Axes 50/45/31 deg

ECG Pages



25 mm/s 10 mm/mV 50 Hz BDR 20 Hz NH (NARAYANA CITY) 02.05.00/128.4.1 EN FN 74007307

ECHO REPORT – HEALTH CHECK

DATE : 23/09/2023
NAME:MEENA SINGH

MRN:10200000281346
AGE/GENDER:55 Y/F

IMPRESSION

- NORMAL CHAMBER DIMENSIONS
- NO RWMA
- MR-MILD
- NORMAL PA PRESSURE
- NORMAL RV FUNCTION
- BORDERLINE LV FUNCTION
- LVEF:55%

| | | | |
|--------|------------|------------|-----------|
| AO: 30 | LVID(d):40 | IVS(d): 10 | RV: 28 |
| LA: 31 | LVID(s):30 | PW(s): 9 | TAPSE: 22 |

FINDINGS

CHAMBERS:NORMAL
RWMA:NO RWMA
VALVES: MR-MILD
SEPTAE:INTACT
AORTA AND PA: AORTIC ANNULUS -19 MM,NORMAL
PERICARDIUM:NORMAL
PRESSURES:NORMAL,PASP- 27MMHG
OTHERS:POOR ECHO WINDOW

DR SATISH C GOVIND
SENIOR CONSULTANT

NAVYA
SONOGRAPHER

SR/ROOM NUMBER - 3

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 10:30 AM Received On : 23/09/2023 10:41 AM Reported On : 23/09/2023 11:45 AM

Barcode : 032309230235 Specimen : Urine Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

CLINICAL PATHOLOGY

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

URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

| | | | |
|--------|--------|---|---|
| Colour | Yellow | - | - |
|--------|--------|---|---|

| | | | |
|------------|-------|---|---|
| Appearance | Clear | - | - |
|------------|-------|---|---|

CHEMICAL EXAMINATION

| | | | |
|------------------------------------|-----|---|---------|
| pH(Reaction) (pH Indicator Method) | 5.5 | - | 4.5-7.5 |
|------------------------------------|-----|---|---------|

| | | | |
|--------------------------------|-------|---|---------------|
| Sp. Gravity (Refractive Index) | 1.002 | - | 1.002 - 1.030 |
|--------------------------------|-------|---|---------------|

| | | | |
|---|-------------|---|-------------|
| Protein (Automated Protein Error Or Ph Indicator) | Not Present | - | Not Present |
|---|-------------|---|-------------|

| | | | |
|---|-------------|---|-------------|
| Urine Glucose (Enzyme Method (GOD POD)) | Not Present | - | Not Present |
|---|-------------|---|-------------|

| | | | |
|--------------------------------------|-------------|---|-------------|
| Ketone Bodies (Nitroprusside Method) | Not Present | - | Not Present |
|--------------------------------------|-------------|---|-------------|

| | | | |
|----------------------------------|-------------|---|---|
| Bile Salts (Azo Coupling Method) | Not Present | - | - |
|----------------------------------|-------------|---|---|

| | | | |
|--|-------------|---|-------------|
| Bile Pigment (Bilirubin) (Azo Coupling Method) | Not Present | - | Not Present |
|--|-------------|---|-------------|

| | | | |
|------------------------------------|--------|---|--------|
| Urobilinogen (Azo Coupling Method) | Normal | - | Normal |
|------------------------------------|--------|---|--------|

| | | | |
|---|-------------|---|-------------|
| Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity) | Not Present | - | Not Present |
|---|-------------|---|-------------|

| | | | |
|-----------------------------------|-------------|---|-------------|
| Blood Urine (Peroxidase Reaction) | Not Present | - | Not Present |
|-----------------------------------|-------------|---|-------------|

| | | | |
|------------------------|-------------|---|-------------|
| Nitrite (Gries Method) | Not Present | - | Not Present |
|------------------------|-------------|---|-------------|

MICROSCOPIC EXAMINATION

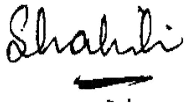
| | | | |
|-----------|-----|------|-----|
| Pus Cells | 0.3 | /hpf | 0-5 |
|-----------|-----|------|-----|

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

| | | | |
|------------------|-------------|------|-------------|
| RBC | 0.0 | /hpf | 0-4 |
| Epithelial Cells | 0.3 | /hpf | 0-6 |
| Crystals | 0.0 | /hpf | 0-2 |
| Casts | 0.00 | /hpf | 0-1 |
| Bacteria | 2.6 | /hpf | 0-200 |
| Yeast Cells | 0.0 | /hpf | 0-1 |
| Mucus | Not Present | - | Not Present |

Interpretation Notes

- Since the analytical methodology of Urine Microscopy is Flow cytometry based and FDA approved the results of automated urine microscopy which includes RBCs, WBCs Epithelial cells etc are being reported in decimal fraction. Rounding off the value to nearest whole number is suggested.



Dr. Shalini K S
DCP, DNB, Pathology
Consultant

CLINICAL PATHOLOGY

| Test | Result | Unit |
|---|-------------|------|
| Urine For Sugar (Fasting) (Enzyme Method (GOD POD)) | Not Present | - |

--End of Report--

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 10:28 AM Received On : 23/09/2023 10:42 AM Reported On : 23/09/2023 10:58 AM

Barcode : 032309230232 Specimen : Stool Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

CLINICAL PATHOLOGY

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

STOOL ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

| | | | |
|-------------|------------|---|---|
| Colour | Brownish | - | - |
| Consistency | Semi Solid | - | - |
| Mucus | Absent | - | - |
| Blood | Absent | - | - |

CHEMICAL EXAMINATION

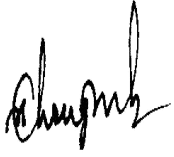
| | | | |
|---|----------|---|---|
| Stool For Occult Blood (Standard Guaiac Method) | Negative | - | - |
| Reaction | Alkaline | - | - |

MICROSCOPE EXAMINATION

| | | | |
|------------------|----------|------|-----|
| Ova | Not Seen | - | - |
| Cyst Of Protozoa | Not Seen | - | - |
| Pus Cells | 4-6/hpf | /hpf | 0-5 |

--End of Report--

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

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- Results relate to the sample only.
- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 12:25 PM Received On : 23/09/2023 12:43 PM Reported On : 23/09/2023 01:46 PM

Barcode : 012309231692 Specimen : Plasma Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|--|--------|-------|---|
| Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase) | 133 | mg/dL | 70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020 |

--End of Report--

Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

Note

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

(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 09:38 AM Received On : 23/09/2023 10:02 AM Reported On : 23/09/2023 11:08 AM

Barcode : 012309231058 Specimen : Serum Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|--|-------------|---------------------------|--|
| SERUM CREATININE | | | |
| Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase) | 0.66 | mg/dL | 0.52-1.04 |
| eGFR (Calculated) | 93.0 | mL/min/1.73m ² | Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age. |
| Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease) | 7 | mg/dL | 7.0-17.0 |
| Serum Uric Acid (Colorimetric - Uricase,Peroxidase) | 4.8 | mg/dL | 2.5-6.2 |
| LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL) | | | |
| Cholesterol Total (Colorimetric - Cholesterol Oxidase) | 99 | mg/dL | Desirable: < 200 Borderline High: 200-239 High: > 240 |
| Triglycerides (Colorimetric - Lip/Glycerol Kinase) | 139 | mg/dL | Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500 |
| HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method) | 42 | mg/dL | 40.0-60.0 |
| Non-HDL Cholesterol (Calculated) | 57.0 | mg/dL | Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220 |
| LDL Cholesterol (Colorimetric) | 47 L | mg/dL | Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190 |
| VLDL Cholesterol (Calculated) | 27.8 | mg/dL | 0.0-40.0 |

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

| | | | |
|-------------------------------------|-----|---|---------|
| Cholesterol /HDL Ratio (Calculated) | 2.4 | - | 0.0-5.0 |
|-------------------------------------|-----|---|---------|

THYROID PROFILE (T3, T4, TSH)

| | | | |
|--|------|-------|-----------|
| Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence) | 1.46 | ng/mL | 0.97-1.69 |
|--|------|-------|-----------|

| | | | |
|---|------|-------|-----------|
| Thyroxine (T4) (Enhanced Chemiluminescence) | 9.30 | µg/dl | 5.53-11.0 |
|---|------|-------|-----------|

| | | | |
|--|-------|--------|---|
| TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence) | 2.190 | µIU/mL | > 18 Year(s) : 0.4 -4.5 Pregnancy: 1st Trimester: 0.129-3.120 2nd Trimester: 0.274-2.652 3rd Trimester: 0.312-2.947 |
|--|-------|--------|---|

Interpretation Notes

- TSH levels are subjected to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% , hence time of the day has influence on the measured serum TSH concentrations. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy. Unbound fraction (Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration.

LIVER FUNCTION TEST(LFT)

| | | | |
|--|------|-------|---------|
| Bilirubin Total (Colorimetric -Diazo Method) | 0.50 | mg/dL | 0.2-1.3 |
|--|------|-------|---------|

| | | | |
|---|------|-------|---------|
| Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry) | 0.00 | mg/dL | 0.0-0.3 |
|---|------|-------|---------|

| | | | |
|--|-----|-------|---------|
| Unconjugated Bilirubin (Indirect) (Calculated) | 0.5 | mg/dL | 0.0-1.1 |
|--|-----|-------|---------|

| | | | |
|--|------|-------|---------|
| Total Protein (Colorimetric - Biuret Method) | 7.30 | gm/dL | 6.3-8.2 |
|--|------|-------|---------|

| | | | |
|---|------|-------|---------|
| Serum Albumin (Colorimetric - Bromo-Cresol Green) | 4.40 | gm/dL | 3.5-5.0 |
|---|------|-------|---------|

| | | | |
|-----------------------------|-----|-------|---------|
| Serum Globulin (Calculated) | 2.9 | gm/dL | 2.0-3.5 |
|-----------------------------|-----|-------|---------|

| | | | |
|---|------|---|---------|
| Albumin To Globulin (A/G)Ratio (Calculated) | 1.52 | - | 1.0-2.1 |
|---|------|---|---------|

| | | | |
|---|----|-----|-----------|
| SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate)) | 34 | U/L | 14.0-36.0 |
|---|----|-----|-----------|

| | | | |
|---|----|-----|-------|
| SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate)) | 29 | U/L | <35.0 |
|---|----|-----|-------|

| | | | |
|---|----|-----|------------|
| Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer) | 91 | U/L | 38.0-126.0 |
|---|----|-----|------------|

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Gamma Glutamyl Transferase (GGT) (Multipoint 14 U/L 12.0-43.0
Rate - L-glutamyl-p-nitroanilide (Szasz Method))

Interpretation Notes

- Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin). Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin. Delta Bilirubin is not expected to be present in healthy adults or neonates.

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
(Lipid Profile, -> Auto Authorized)
(, -> Auto Authorized)
(CR, -> Auto Authorized)
(LFT, -> Auto Authorized)
(Blood Urea Nitrogen (Bun), -> Auto Authorized)
(Uric Acid -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 09:38 AM Received On : 23/09/2023 10:02 AM Reported On : 23/09/2023 11:28 AM

Barcode : 022309230583 Specimen : Whole Blood - ESR Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

HEMATOLOGY

| Test | Result | Unit | Biological Reference Interval |
|--|--------|--------|-------------------------------|
| Erythrocyte Sedimentation Rate (ESR) (Westergren Method) | 12 | mm/1hr | 0.0-19.0 |

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.
- DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert**

--End of Report-

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 01:47 PM Received On : 23/09/2023 02:37 PM Reported On : 23/09/2023 03:05 PM

Barcode : 032309230330 Specimen : Urine Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

CLINICAL PATHOLOGY

Test

Result

Unit

Urine For Sugar (Post Prandial) (Enzyme
Method (GOD POD))

Not Present -

--End of Report--



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 12:57 PM Received On : 23/09/2023 02:42 PM Reported On : 25/09/2023 02:18 PM

Barcode : 072309230026 Specimen : Smear Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

CYTOLOGY

PAP SMEAR

| | |
|-------------------------------|---|
| LAB No. | P-7323/23. |
| MATERIAL RECEIVED | Received one unstained smear. |
| CLINICAL DETAILS | Postmenopausal |
| SPECIMEN TYPE | Conventional. |
| SMEAR ADEQUACY | Satisfactory for evaluation with endocervical cells |
| GENERAL CATEGORIZATION | No epithelial cell abnormality seen. |
| IMPRESSION | PAP SMEAR REPORT (The 2014 Bethesda System). Result / Interpretation. Negative for Intraepithelial lesion / Malignancy. |
| REMARKS | The pap test is only a screening test for cervical cancer with inherent false negative results. Typed by Dr Akhila L. |

--End of Report--



Dr. Akhila L
MD, DNB, PDF, Neuropathology
Consultant

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

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- Results relate to the sample only.
- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 10:30 AM Received On : 23/09/2023 10:41 AM Reported On : 23/09/2023 11:45 AM

Barcode : 032309230235 Specimen : Urine Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

CLINICAL PATHOLOGY

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

URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

| | | | |
|------------|--------|---|---|
| Colour | Yellow | - | - |
| Appearance | Clear | - | - |

CHEMICAL EXAMINATION

| | | | |
|---|-------------|---|---------------|
| pH(Reaction) (pH Indicator Method) | 5.5 | - | 4.5-7.5 |
| Sp. Gravity (Refractive Index) | 1.002 | - | 1.002 - 1.030 |
| Protein (Automated Protein Error Or Ph Indicator) | Not Present | - | Not Present |
| Urine Glucose (Enzyme Method (GOD POD)) | Not Present | - | Not Present |
| Ketone Bodies (Nitroprusside Method) | Not Present | - | Not Present |
| Bile Salts (Azo Coupling Method) | Not Present | - | - |
| Bile Pigment (Bilirubin) (Azo Coupling Method) | Not Present | - | Not Present |
| Urobilinogen (Azo Coupling Method) | Normal | - | Normal |
| Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity) | Not Present | - | Not Present |
| Blood Urine (Peroxidase Reaction) | Not Present | - | Not Present |
| Nitrite (Gries Method) | Not Present | - | Not Present |

MICROSCOPIC EXAMINATION

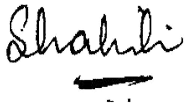
| | | | |
|-----------|-----|------|-----|
| Pus Cells | 0.3 | /hpf | 0-5 |
|-----------|-----|------|-----|

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

| | | | |
|------------------|-------------|------|-------------|
| RBC | 0.0 | /hpf | 0-4 |
| Epithelial Cells | 0.3 | /hpf | 0-6 |
| Crystals | 0.0 | /hpf | 0-2 |
| Casts | 0.00 | /hpf | 0-1 |
| Bacteria | 2.6 | /hpf | 0-200 |
| Yeast Cells | 0.0 | /hpf | 0-1 |
| Mucus | Not Present | - | Not Present |

Interpretation Notes

- Since the analytical methodology of Urine Microscopy is Flow cytometry based and FDA approved the results of automated urine microscopy which includes RBCs, WBCs Epithelial cells etc are being reported in decimal fraction. Rounding off the value to nearest whole number is suggested.



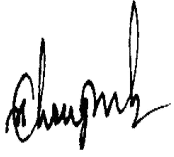
Dr. Shalini K S
DCP, DNB, Pathology
Consultant

CLINICAL PATHOLOGY

| Test | Result | Unit |
|--|-------------|------|
| Urine For Sugar (Fasting) (Enzyme Method (GOD POD)) | Not Present | - |

--End of Report--

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 09:38 AM Received On : 23/09/2023 10:02 AM Reported On : 23/09/2023 10:33 AM

Barcode : 012309231059 Specimen : Whole Blood Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|--|--------------|------|---|
| HBA1C | | | |
| HbA1c (HPLC NGSP Certified) | 6.6 H | % | Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020 |
| Estimated Average Glucose (Calculated) | 142.72 | - | - |

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--

Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 09:38 AM Received On : 23/09/2023 10:02 AM Reported On : 23/09/2023 10:50 AM

Barcode : 012309231057 Specimen : Plasma Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

BIOCHEMISTRY

| Test | Result | Unit | Biological Reference Interval |
|--|--------------|-------|--|
| Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase) | 125 H | mg/dL | 70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020 |

--End of Report--

Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

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

(Fasting Blood Sugar (FBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Meena Singh MRN : 10200000281346 Gender/Age : FEMALE , 55y (10/08/1968)

Collected On : 23/09/2023 09:38 AM Received On : 23/09/2023 10:02 AM Reported On : 23/09/2023 11:09 AM

Barcode : 022309230584 Specimen : Whole Blood Consultant : Dr. Ashutosh Vashistha(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8707774222

HEMATOLOGY

| Test | Result | Unit | Biological Reference Interval |
|---|---------------|------------------|-------------------------------|
| COMPLETE BLOOD COUNT (CBC) | | | |
| Haemoglobin (Hb%) (Photometric Measurement) | 11.6 L | g/dL | 12.0-15.0 |
| Red Blood Cell Count (Electrical Impedance) | 4.84 H | million/ μ l | 3.8-4.8 |
| PCV (Packed Cell Volume) / Hematocrit (Calculated) | 37.7 | % | 36.0-46.0 |
| MCV (Mean Corpuscular Volume) (Derived) | 77.8 L | fL | 83.0-101.0 |
| MCH (Mean Corpuscular Haemoglobin) (Calculated) | 23.9 L | pg | 27.0-32.0 |
| MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated) | 30.7 L | % | 31.5-34.5 |
| Red Cell Distribution Width (RDW) (Derived) | 15.3 H | % | 11.6-14.0 |
| Platelet Count (Electrical Impedance Plus Microscopy) | 165 | $10^3/\mu$ L | 150.0-450.0 |
| Note: Platelet count verified manually, Large/Giant platelets seen. | | | |
| Mean Platelet Volume (MPV) | 11.8 H | fL | 7.0-11.7 |
| Total Leucocyte Count(WBC) (Electrical Impedance) | 5.9 | $10^3/\mu$ L | 4.0-10.0 |
| DIFFERENTIAL COUNT (DC) | | | |
| Neutrophils (VCS Technology Plus Microscopy) | 61.2 | % | 40.0-75.0 |
| Lymphocytes (VCS Technology Plus Microscopy) | 31.8 | % | 20.0-40.0 |
| Monocytes (VCS Technology Plus Microscopy) | 4.6 | % | 2.0-10.0 |

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| | | | |
|--|------|------------------------------|----------|
| Eosinophils (VCS Technology Plus Microscopy) | 2.0 | % | 1.0-6.0 |
| Basophils (VCS Technology Plus Microscopy) | 0.4 | % | 0.0-2.0 |
| Absolute Neutrophil Count (Calculated) | 3.61 | $\times 10^3$ cells/ μ l | 2.0-7.0 |
| Absolute Lymphocyte Count (Calculated) | 1.88 | $\times 10^3$ cells/ μ l | 1.0-3.0 |
| Absolute Monocyte Count (Calculated) | 0.27 | $\times 10^3$ cells/ μ l | 0.2-1.0 |
| Absolute Eosinophil Count (Calculated) | 0.12 | $\times 10^3$ cells/ μ l | 0.02-0.5 |
| Absolute Basophil Count (Calculated) | 0.02 | - | - |

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

Interpretation Notes

- Haemoglobin , RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested .

RBC Indices aid in typing of anemia.

WBC Count: If below reference range, susceptibility to infection.

If above reference range- Infection*

If very high in lakhs-Leukemia

Neutrophils -If above reference range-acute infection, mostly bacterial

Lymphocytes -If above reference range-chronic infection/ viral infection

Monocytes -If above reference range- TB,Typhoid,UTI

Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms

Basophils - If above reference range, Leukemia, allergy

Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies

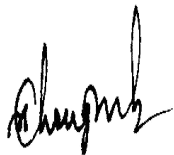
* In bacterial infection with fever total WBC count increases.

Eg Tonsillitis,Sinusitis,Bronchitis,Pneumonia,Appendicitis,UTI -12000-25000 cells/cumm.

In typhoid and viral fever WBC may be normal.

DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

--End of Report--



Dr. Sudarshan Chougule

MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

Patient Name : Ms Meena Singh MRN : 1020000281346 Gender/Age : FEMALE , 55y (10/08/1968)

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