



CHANDAN DIAGNOSTIC CENTRE

Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj

Ph: 9235447965,0532-3559261

CIN : U85110DL2003PLC308206



| | | | |
|--------------|--|---------------|------------------------|
| Patient Name | : Mr.ASHISH KUMAR | Registered On | : 25/Nov/2023 11:11:34 |
| Age/Gender | : 30 Y 9 M 22 D /M | Collected | : N/A |
| UHID/MR NO | : ALDP.0000131355 | Received | : N/A |
| Visit ID | : ALDP0288592324 | Reported | : 26/Nov/2023 12:44:27 |
| Ref Doctor | : Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD - | Status | : Final Report |

DEPARTMENT OF CARDIOLOGY-ECG

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ECG / EKG *

| | |
|---------------------|---|
| 1. Machnism, Rhythm | Sinus, Regular |
| 2. Atrial Rate | 63 /mt |
| 3. Ventricular Rate | 63 /mt |
| 4. P - Wave | Normal |
| 5. P R Interval | Normal |
| 6. Q R S | Axis : Normal R/S Ratio : Normal Configuration : Normal |
| 7. Q T c Interval | Normal |
| 8. S - T Segment | Normal |
| 9. T - Wave | Normal |

FINAL IMPRESSION

Abnormal: Sinus Rhythm, Sinus Arrhythmia Seen, Short PR Interval. Please correlate clinically.


Dr. R K VERMA
MBBS, PGDGM





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| Patient Name | : Mr.ASHISH KUMAR | Registered On | : 25/Nov/2023 11:11:32 |
| Age/Gender | : 30 Y 9 M 22 D /M | Collected | : 25/Nov/2023 11:30:15 |
| UHID/MR NO | : ALDP.0000131355 | Received | : 25/Nov/2023 12:07:47 |
| Visit ID | : ALDP0288592324 | Reported | : 25/Nov/2023 16:14:07 |
| Ref Doctor | : Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD - | Status | : Final Report |

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
|-----------|--------|------|--------------------|--------|
|-----------|--------|------|--------------------|--------|

Blood Group (ABO & Rh typing) * , Blood

| | | | | |
|--------------|----------|--|--|---|
| Blood Group | A | | | ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA |
| Rh (Anti-D) | POSITIVE | | | ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA |

Complete Blood Count (CBC) * , Whole Blood

| | | | | |
|-----------------------------------|--------------|----------------|--|-------------------------------------|
| Haemoglobin | 16.10 | g/dl | 1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl | |
| TLC (WBC) | 6,800.00 | /Cu mm | 4000-10000 | ELECTRONIC IMPEDANCE |
| DLC | | | | |
| Polymorphs (Neutrophils) | 47.00 | % | 55-70 | ELECTRONIC IMPEDANCE |
| Lymphocytes | 48.00 | % | 25-40 | ELECTRONIC IMPEDANCE |
| Monocytes | 4.00 | % | 3-5 | ELECTRONIC IMPEDANCE |
| Eosinophils | 1.00 | % | 1-6 | ELECTRONIC IMPEDANCE |
| Basophils | 0.00 | % | <1 | ELECTRONIC IMPEDANCE |
| ESR | | | | |
| Observed | 4.00 | Mm for 1st hr. | | |
| Corrected | - | Mm for 1st hr. | <9 | |
| PCV (HCT) | 49.00 | % | 40-54 | |
| Platelet count | | | | |
| Platelet Count | 0.82 | LACS/cu mm | 1.5-4.0 | ELECTRONIC IMPEDANCE/MICROSCOPIC |
| PDW (Platelet Distribution width) | 17.60 | fL | 9-17 | ELECTRONIC IMPEDANCE |
| P-LCR (Platelet Large Cell Ratio) | - | % | 35-60 | ELECTRONIC IMPEDANCE |





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DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
|---------------------------------------|----------|-------------|--------------------|----------------------|
| PCT (Platelet Hematocrit) | 0.10 | % | 0.108-0.282 | ELECTRONIC IMPEDANCE |
| MPV (Mean Platelet Volume) | 14.20 | fL | 6.5-12.0 | ELECTRONIC IMPEDANCE |
| RBC Count | | | | |
| RBC Count | 5.02 | Mill./cu mm | 4.2-5.5 | ELECTRONIC IMPEDANCE |
| Blood Indices (MCV, MCH, MCHC) | | | | |
| MCV | 97.70 | fL | 80-100 | CALCULATED PARAMETER |
| MCH | 32.20 | pg | 28-35 | CALCULATED PARAMETER |
| MCHC | 32.90 | % | 30-38 | CALCULATED PARAMETER |
| RDW-CV | 14.70 | % | 11-16 | ELECTRONIC IMPEDANCE |
| RDW-SD | 52.20 | fL | 35-60 | ELECTRONIC IMPEDANCE |
| Absolute Neutrophils Count | 3,196.00 | /cu mm | 3000-7000 | |
| Absolute Eosinophils Count (AEC) | 68.00 | /cu mm | 40-440 | |

AS

Dr.Akanksha Singh (MD Pathology)





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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
|-----------|--------|------|--------------------|--------|
|-----------|--------|------|--------------------|--------|

GLUCOSE FASTING * , Plasma

| | | | | |
|-----------------|-------|-------|--|---------|
| Glucose Fasting | 98.10 | mg/dl | < 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes | GOD POD |
|-----------------|-------|-------|--|---------|

Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

Glucose PP *

Sample: Plasma After Meal

| | | | |
|--------|-------|--|---------|
| 142.80 | mg/dl | <140 Normal 140-199 Pre-diabetes >200 Diabetes | GOD POD |
|--------|-------|--|---------|

Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C) * , EDTA BLOOD

| | | | |
|----------------------------------|-------|---------------|-------------|
| Glycosylated Haemoglobin (HbA1c) | 5.00 | % NGSP | HPLC (NGSP) |
| Glycosylated Haemoglobin (HbA1c) | 31.30 | mmol/mol/IFCC | |
| Estimated Average Glucose (eAG) | 97 | mg/dl | |

Interpretation:

NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes management.





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| Test Name | Result | Unit | Bio. Ref. Interval | Method |
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|-----------|--------|------|--------------------|--------|

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

| Haemoglobin A1C (%) | NGSP mmol/mol / IFCC Unit | eAG (mg/dl) | Degree of Glucose Control Unit |
|---------------------|---------------------------|-------------|--------------------------------|
| > 8 | >63.9 | >183 | Action Suggested* |
| 7-8 | 53.0 -63.9 | 154-183 | Fair Control |
| < 7 | <63.9 | <154 | Goal** |
| 6-7 | 42.1 -63.9 | 126-154 | Near-normal glycemia |
| < 6% | <42.1 | <126 | Non-diabetic level |

*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

**Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B. : Test carried out on Automated VARIANT II TURBO HPLC Analyser.

Clinical Implications:

*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

*With optimal control, the HbA 1c moves toward normal levels.

*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated *Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy c. Alcohol toxicity d. Lead toxicity

*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

*Pregnancy d. chronic renal failure. Interfering Factors:

*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

| | | | | |
|--|------|-------|----------|-----------------|
| BUN (Blood Urea Nitrogen) * Sample:Serum | 8.50 | mg/dL | 7.0-23.0 | CALCULATED |
| Creatinine * Sample:Serum | 1.00 | mg/dl | 0.6-1.30 | MODIFIED JAFFES |
| Uric Acid * Sample:Serum | 6.70 | mg/dl | 3.4-7.0 | URICASE |

LFT (WITH GAMMA GT) * , Serum





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DEPARTMENT OF BIOCHEMISTRY

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| Test Name | Result | Unit | Bio. Ref. Interval | Method |
|---|---------------|-------|--------------------|-------------------|
| SGOT / Aspartate Aminotransferase (AST) | 116.10 | U/L | < 35 | IFCC WITHOUT P5P |
| SGPT / Alanine Aminotransferase (ALT) | 128.80 | U/L | < 40 | IFCC WITHOUT P5P |
| Gamma GT (GGT) | 100.90 | IU/L | 11-50 | OPTIMIZED SZAZING |
| Protein | 7.30 | gm/dl | 6.2-8.0 | BIURET |
| Albumin | 4.20 | gm/dl | 3.4-5.4 | B.C.G. |
| Globulin | 3.10 | gm/dl | 1.8-3.6 | CALCULATED |
| A:G Ratio | 1.35 | | 1.1-2.0 | CALCULATED |
| Alkaline Phosphatase (Total) | 237.40 | U/L | 42.0-165.0 | IFCC METHOD |
| Bilirubin (Total) | 0.90 | mg/dl | 0.3-1.2 | JENDRASSIK & GROF |
| Bilirubin (Direct) | 0.30 | mg/dl | < 0.30 | JENDRASSIK & GROF |
| Bilirubin (Indirect) | 0.60 | mg/dl | < 0.8 | JENDRASSIK & GROF |

Result Rechecked

LIPID PROFILE (MINI) * , Serum

| | | | | |
|------------------------------------|--------------|-------|---|------------------|
| Cholesterol (Total) | 115.00 | mg/dl | <200 Desirable 200-239 Borderline High > 240 High | CHOD-PAP |
| HDL Cholesterol (Good Cholesterol) | 32.60 | mg/dl | 30-70 | DIRECT ENZYMATIC |
| LDL Cholesterol (Bad Cholesterol) | 48 | mg/dl | < 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High | CALCULATED |
| VLDL | 34.82 | mg/dl | 10-33 | CALCULATED |
| Triglycerides | 174.10 | mg/dl | < 150 Normal 150-199 Borderline High 200-499 High >500 Very High | GPO-PAP |

Result Rechecked

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| UHID/MR NO | : ALDP.0000131355 | Received | : 25/Nov/2023 14:48:40 |
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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
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|-----------|--------|------|--------------------|--------|

URINE EXAMINATION, ROUTINE * , Urine

| | | | | |
|---------------------------------|---------------|-------|--|-------------------------|
| Color | PALE YELLOW | | | |
| Specific Gravity | 1.030 | | | |
| Reaction PH | Acidic (5.0) | | | DIPSTICK |
| Appearance | CLEAR | | | |
| Protein | TRACE | mg % | < 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++) | DIPSTICK |
| Sugar | ABSENT | gms% | < 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++) | DIPSTICK |
| Ketone | ABSENT | mg/dl | 0.1-3.0 | BIOCHEMISTRY |
| Bile Salts | ABSENT | | | |
| Bile Pigments | ABSENT | | | |
| Bilirubin | ABSENT | | | DIPSTICK |
| Leucocyte Esterase | ABSENT | | | DIPSTICK |
| Urobilinogen(1:20 dilution) | ABSENT | | | |
| Nitrite | ABSENT | | | DIPSTICK |
| Blood | ABSENT | | | DIPSTICK |
| Microscopic Examination: | | | | |
| Epithelial cells | 0-2/h.p.f | | | MICROSCOPIC EXAMINATION |
| Pus cells | 0-2/h.p.f | | | |
| RBCs | ABSENT | | | MICROSCOPIC EXAMINATION |
| Cast | ABSENT | | | |
| Crystals | ABSENT | | | MICROSCOPIC EXAMINATION |
| Others | ABSENT | | | |

Urine Microscopy is done on centrifuged urine sediment.

STOOL, ROUTINE EXAMINATION * , Stool

| | |
|-------|-----------|
| Color | YELLOWISH |
|-------|-----------|





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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
|---------------|-----------------|------|--------------------|--------|
| Consistency | SEMI SOLID | | | |
| Reaction (PH) | Neutral (7.0) | | | |
| Mucus | ABSENT | | | |
| Blood | ABSENT | | | |
| Worm | ABSENT | | | |
| Pus cells | ABSENT | | | |
| RBCs | ABSENT | | | |
| Ova | ABSENT | | | |
| Cysts | ABSENT | | | |
| Others | ABSENT | | | |

SUGAR, FASTING STAGE * , Urine

Sugar, Fasting stage ABSENT gms%

Interpretation:

- (+) < 0.5
- (++) 0.5-1.0
- (+++) 1-2
- (++++) > 2

SUGAR, PP STAGE * , Urine

Sugar, PP Stage ABSENT

Interpretation:

- (+) < 0.5 gms%
- (++) 0.5-1.0 gms%
- (+++) 1-2 gms%
- (++++) > 2 gms%

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DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |
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|-----------|--------|------|--------------------|--------|

THYROID PROFILE - TOTAL * , Serum

| | | | | |
|-----------------------------------|--------------|--------|-------------|------|
| T3, Total (tri-iodothyronine) | 110.00 | ng/dl | 84.61-201.7 | CLIA |
| T4, Total (Thyroxine) | 5.20 | ug/dl | 3.2-12.6 | CLIA |
| TSH (Thyroid Stimulating Hormone) | 7.500 | μIU/mL | 0.27 - 5.5 | CLIA |

Interpretation:

| | | |
|----------|--------|------------------------|
| 0.3-4.5 | μIU/mL | First Trimester |
| 0.5-4.6 | μIU/mL | Second Trimester |
| 0.8-5.2 | μIU/mL | Third Trimester |
| 0.5-8.9 | μIU/mL | Adults 55-87 Years |
| 0.7-27 | μIU/mL | Premature 28-36 Week |
| 2.3-13.2 | μIU/mL | Cord Blood > 37Week |
| 0.7-64 | μIU/mL | Child(21 wk - 20 Yrs.) |
| 1-39 | μIU/mL | Child 0-4 Days |
| 1.7-9.1 | μIU/mL | Child 2-20 Week |

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

AS

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DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

X-RAY DIGITAL CHEST PA *

X-RAY REPORT

(300 mA COMPUTERISED UNIT SPOT FILM DEVICE)

CHEST P-A VIEW

- Both lung field did not reveal any significant lesion.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

Please correlate clinically.



K N Singh

DR K N SINGH (MBBS,DMRE)





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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

LIVER: - Normal in size (cm), shape and **shows diffuse increase in the liver parenchymal echogenicity with patchy attenuation of portal venous walls, suggestive of grade II fatty changes.** No focal lesion is seen. No intra hepatic biliary radicle dilation seen.

GALL BLADDER :- Well distended, walls are normal. No e/o calculus / focal mass lesion/ pericholecystic fluid.

CBD :- Normal in calibre at porta.

PORTAL VEIN: - Normal in calibre and colour uptake at porta.

PANCREAS: - Head is visualised, normal in size & echopattern. No e/o ductal dilatation or calcification. Rest of pancreas is obscured by bowel gas.

SPLEEN: - Normal in size, shape and echogenicity.

RIGHT KIDNEY: - Normal in size (10.2 cm), shape and echogenicity. **A calculus measuring ~ 7.2 mm is seen in middle calyx. Mild hydronephrosis with hydroureter, one calculus measuring ~ 6.7 mm is seen in lower part of ureter causing incomplete obstruction.**

LEFT KIDNEY: - Normal in size (9.7 cm), shape and echogenicity. **Few tiny concretions are seen.** Pelvicalyceal system is not dilated.

URINARY BLADDER :- Normal in shape, outline and distension. No e/o wall thickening / calculus.

PROSTATE :- Normal in size (3.0 x 3.0 x 2.2 cm vol - 10.7 cc), shape and echo pattern.

Visualized bowel loops are normal in caliber. No para-aortic lymphadenopathy


No free fluid is seen in the abdomen/pelvis.

IMPRESSION :

- **Grade II fatty liver.**
- **Right renal and ureteric calculi causing mild hydronephrosis with hydroureter.**
- **Left renal concretions.**

Pl  ate clinically

*** End Of Report ***


DR K N SINGH (MBBS,DMRE)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Conduction Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing *
365 Days Open *Facilities Available at Select Location

