

Mrs. g.ramya kanthi

34 Years

Female

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

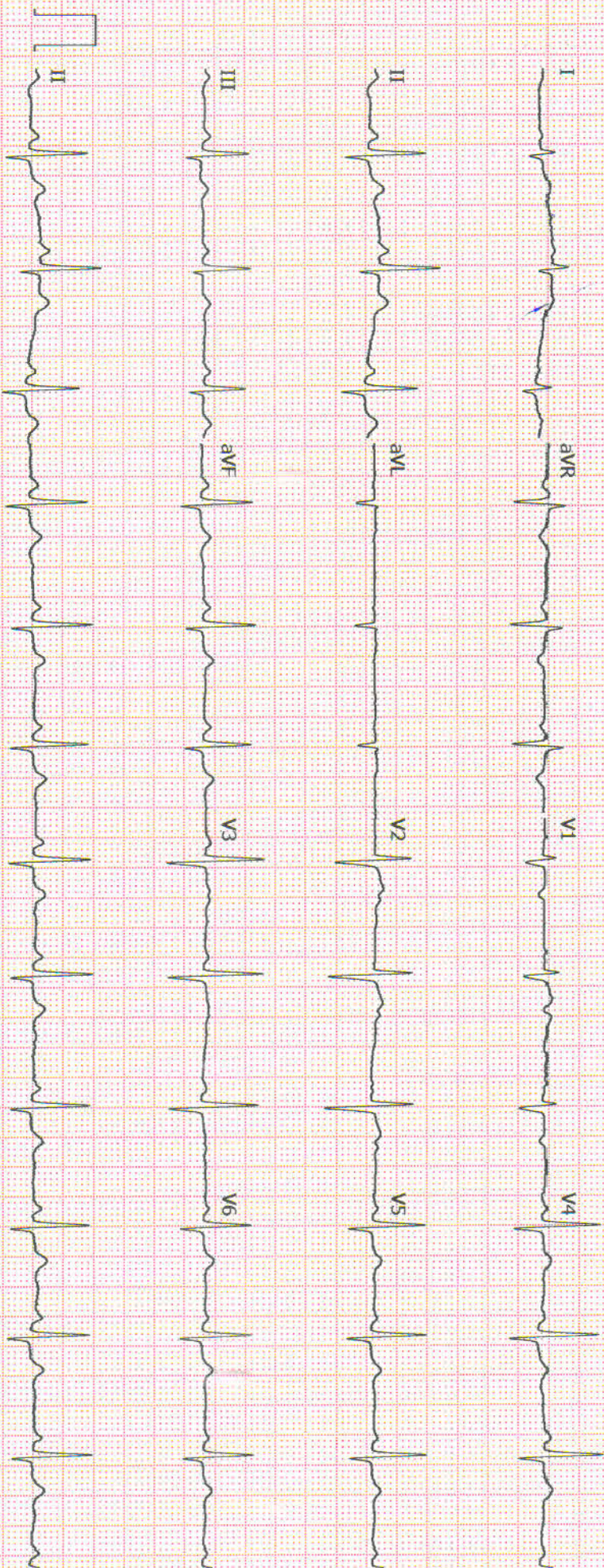
30.12.2021 12:34:10
MEDALL HEALTHCARE PVT LTD
OFFICIAL COLONY, MAHARAJAPETA
VISAKHAPATNAM

Location:
Order Number:
Visit:
Indication:
Medication 1:
Medication 2:
Medication 3:

Room:

76 bpm
-- / -- mmHg

QRs : 70 ms
 QT / QTcbaz : 358 / 402 ms
 PR : 134 ms
 p : 84 ms
 RR / PP : 788 / 789 ms
 P / QRS / T : 72 / 89 / 55 degrees
 Normal sinus rhythm
 Nonspecific ST abnormality
 Abnormal ECG



GE MAC2000 1.1 12SL™ V241

25 mm/s 10 mm/mV

ADS 0.56-20 Hz 50 Hz

Unconfirmed
4x2.5x3_25_R1

I/1

| | | | |
|--------------|---------------------|-------------|---------------------|
| Name | RAMYA KANTHI GUDALA | Customer ID | MED110834836 |
| Age & Gender | 34Y/F | Visit Date | Dec 30 2021 10:59AM |
| Ref Doctor | MediWheel | | |

RADIOGRAPH CHEST P.A. VIEW

The Cardiac size and configuration are normal.

The Aorta and Pulmonary Vasculature are normal.

Both the lungs are clear.

Both Costophrenic angles are normal.

The soft tissues and bones of thorax are normal.

IMPRESSION :

- Essentially normal study.
- *For clinical correlation.*



Dr. Jahnavi Barla MD (RD), DGO.
Consultant Radiologist

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ULTRASOUND WHOLE ABDOMEN

- Liver** : Normal in size (13.8 cm) with regular outlines and normal echopattern.
There is no evidence of IHBR / EHBR dilatation seen.
No focal space occupying lesions seen.
CBD is normal. PV normal.
- Gall Bladder** : Normal in volume and wall thickness.
No e/o intraluminal calculi seen.
- Pancreas** : Head, body and tail are identified with normal echopattern and smooth outlines.
- Spleen** : Measured 8.4 cm, in size with normal echotexture.
- Right kidney** : Measured 10.0 x 3.8 cm in size.
- Left kidney** : Measured 9.1 x 4.3 cm in size.
- Both kidneys** are normal in size, position, with well preserved cortico medullary differentiation and normal pelvicalyceal anatomy.
No e/o calculi / space occupying lesion seen.
No e/o suprarenal / retroperitoneal masses noted.
- Urinary bladder**: Empty.
- Uterus** : Measured 7.7 x 4.9 x 5.7 cm in size with regular outlines.
Myometrial echotexture is normal.
The Endometrial cavity is empty and shows no abnormality.
Endometrial echo measured 10 mm.
- Ovaries** : Normal To visualized extent
- No e/o ascites / pleural effusion seen.
No e/o detectable bowel pathology seen.



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FITNESS CERTIFICATE

| | | |
|-------------------------------|-------------------|---------------|
| NAME: <i>G. Ramya Karilhi</i> | AGE: <i>34</i> | |
| Ht: <i>151</i> CMS | Wt: <i>46</i> KGS | SEX: <i>F</i> |

| PARAMETERS | MEASUREMENTS |
|---------------------|----------------------------------------|
| PULSE / BP (supine) | <i>76/120/80</i> mt / mmHg |
| INSPIRATION | <i>32</i> |
| EXPIRATION | <i>34</i> |
| CHEST CIRCUMFERENCE | <i>33</i> |
| PREVIOUS ILLNESS | <i>—</i> |
| VISION | <i>normal</i> |
| FAMILY HISTORY | FATHER: <i>BP</i> MOTHER: <i>BP</i> |

REPORTS:

DATE: *31.12.21*
PLACE: *Visakhapatnam*

[Signature]
CONSULTANT PHYSICIAN

[Signature]
Dr. Lanka Prasad, M. B. B. S.,
Reg. No. 18363
CIVIL ASSISTANT SURGEON
MEDICAL OFFICER
Primary Health Centre
KASIM KOTA-531 051
VISAKHA Dist.

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Type : OP **Printed On** : 03/01/2022 10:05 AM
Ref. Dr : MediWheel

| <u>Investigation</u> | <u>Observed Value</u> | <u>Unit</u> | <u>Biological Reference Interval</u> |
|---------------------------------------------------------------------------|-----------------------|-------------|--------------------------------------|
| BLOOD GROUPING AND Rh TYPING (Blood/Agglutination) | 'O' 'Positive' | | |
| <u>Complete Blood Count With - ESR</u> | | | |
| Haemoglobin (Blood/Spectrophotometry) | 13.33 | g/dL | 12.5 - 16.0 |
| Packed Cell Volume(PCV)/Haematocrit (Blood/Numeric Integration of MCV) | 40.9 | % | 37 - 47 |
| RBC Count (Blood/Electrical Impedance) | 4.50 | mill/cu.mm | 4.2 - 5.4 |
| Mean Corpuscular Volume(MCV) (Blood/Calculated) | 90.9 | fL | 78 - 100 |
| Mean Corpuscular Haemoglobin(MCH) (Blood/Calculated) | 29.6 | pg | 27 - 32 |
| Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Calculated) | 32.6 | g/dL | 32 - 36 |
| RDW-CV (Calculated) | 14.5 | % | 11.5 - 16.0 |
| RDW-SD (Calculated) | 46.13 | fL | 39 - 46 |
| Total Leukocyte Count (TC) (Blood/Electrical Impedance) | 7590 | cells/cu.mm | 4000 - 11000 |
| Neutrophils (Blood/Impedance and absorbance) | 54.77 | % | 40 - 75 |
| Lymphocytes (Blood/Impedance and absorbance) | 34.96 | % | 20 - 45 |
| Eosinophils (Blood/Impedance and absorbance) | 5.51 | % | 01 - 06 |
| Monocytes (Blood/Impedance and absorbance) | 4.24 | % | 02 - 10 |
| Basophils (Blood/Impedance and absorbance) | 0.52 | % | 00 - 02 |



Dr.Lakhineni Shalini MD
 Consultant-Pathologist
 APMC FMR 83818

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The results pertain to sample tested.

Page 1 of 7

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|----------------------|-----------------------|-------------|--------------------------------------|
|----------------------|-----------------------|-------------|--------------------------------------|

INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.

| | | | |
|---------------------------------------------------------------|-------|----------------------|-------------|
| Absolute Neutrophil count (Blood/Impedance and absorbance) | 4.16 | 10 ³ / µl | 1.5 - 6.6 |
| Absolute Lymphocyte Count (Blood/Impedance) | 2.65 | 10 ³ / µl | 1.5 - 3.5 |
| Absolute Eosinophil Count (AEC) (Blood/Impedance) | 0.42 | 10 ³ / µl | 0.04 - 0.44 |
| Absolute Monocyte Count (Blood/Impedance) | 0.32 | 10 ³ / µl | < 1.0 |
| Absolute Basophil count (Blood/Impedance) | 0.04 | 10 ³ / µl | < 0.1 |
| Platelet Count (Blood/Impedance) | 3.046 | lakh/cu.mm | 1.4 - 4.5 |

INTERPRETATION: Platelet count less than 1.5 lakhs will be confirmed microscopically.

| | | | |
|------------------------------------------------------------------------|-----------|-------|-------------|
| MPV (Blood/Derived from Impedance) | 9.29 | fL | 8.0 - 13.3 |
| PCT (Calculated) | 0.28 | % | 0.18 - 0.28 |
| ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser) | 20 | mm/hr | < 20 |
| BUN / Creatinine Ratio | 8.82 | | |

| | | | |
|------------------------------------------------------------------|----|-------|--------------------------------------------------------------|
| Glucose Fasting (FBS) (Plasma - F/Glucose oxidase/Peroxidase) | 75 | mg/dL | Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126 |
|------------------------------------------------------------------|----|-------|--------------------------------------------------------------|

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

| | | | |
|--------------------------------------------------------|------------|-------|----------|
| Glucose, Fasting (Urine) (Urine - F) | Nil | | Nil |
| Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD) | 101 | mg/dL | 70 - 140 |


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|----------------------|-----------------------|-------------|--------------------------------------|

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti-diabetic medication during treatment for Diabetes.

| | | | |
|--------------------------------------------------------|------|-------|-----------|
| Urine Glucose(PP-2 hours) (Urine - PP) | Nil | | Nil |
| Blood Urea Nitrogen (BUN) (Serum/Calculated) | 12.6 | mg/dL | 7.0 - 21 |
| Creatinine (Serum/Jaffe δ "Alkaline Picrate) | 0.7 | mg/dL | 0.6 - 1.1 |
| Uric Acid (Serum/Uricase/Peroxidase) | 4.3 | mg/dL | 2.6 - 6.0 |

Liver Function Test

| | | | |
|------------------------------------------------------------------------|------|-------|-----------|
| Bilirubin(Total) (Serum/Diazotized Sulphanilic acid) | 0.6 | mg/dL | 0.1 - 1.2 |
| Bilirubin(Direct) (Serum/Diazotized Sulphanilic acid) | 0.3 | mg/dL | 0.0 - 0.3 |
| Bilirubin(Indirect) (Serum/Calculated) | 0.30 | mg/dL | 0.1 - 1.0 |
| SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC without P-5-P) | 13 | U/L | 5 - 40 |
| SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC without P-5-P) | 12 | U/L | 5 - 41 |
| Alkaline Phosphatase (SAP) (Serum/IFCC AMP Buffer) | 97 | U/L | 42 - 98 |
| Total Protein (Serum/Biuret) | 7.6 | gm/dl | 6.0 - 8.0 |
| Albumin (Serum/Bromocresol green) | 4.1 | gm/dl | 3.5 - 5.2 |
| Globulin (Serum/Calculated) | 3.50 | gm/dL | 2.3 - 3.6 |
| A : G RATIO (Serum/Calculated) | 1.17 | | 1.1 - 2.2 |


Dr. L. Shalini
 Dr. Lakshineni Shalini MD
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 APMC FMR 83818

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|----------------------|-----------------------|-------------|--------------------------------------|
|----------------------|-----------------------|-------------|--------------------------------------|

INTERPRETATION:Enclosure : Graph

| | | | |
|--------------------------------------------------------------|----|-----|------|
| GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic) | 19 | U/L | < 38 |
|--------------------------------------------------------------|----|-----|------|

Lipid Profile

| | | | |
|-------------------------------------------------------------|-----|-------|--------------------------------------------------------------|
| Cholesterol Total (Serum/Cholesterol oxidase/Peroxidase) | 137 | mg/dL | Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240 |
|-------------------------------------------------------------|-----|-------|--------------------------------------------------------------|

| | | | |
|----------------------------------------------------------------|----|-------|---------------------------------------------------------------------------------|
| Triglycerides (Serum/Glycerol-phosphate oxidase/Peroxidase) | 80 | mg/dL | Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500 |
|----------------------------------------------------------------|----|-------|---------------------------------------------------------------------------------|

INTERPRETATION:The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the usual circulating level of triglycerides during most part of the day.

| | | | |
|---------------------------------------------|----|-------|--------------------------------------------------------------------------------|
| HDL Cholesterol (Serum/Immunoinhibition) | 63 | mg/dL | Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50 |
|---------------------------------------------|----|-------|--------------------------------------------------------------------------------|

| | | | |
|---------------------------------------|----|-------|------------------------------------------------------------------------------------------------------------|
| LDL Cholesterol (Serum/Calculated) | 58 | mg/dL | Optimal: < 100 Near Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190 |
|---------------------------------------|----|-------|------------------------------------------------------------------------------------------------------------|

| | | | |
|----------------------------------------|----|-------|------|
| VLDL Cholesterol (Serum/Calculated) | 16 | mg/dL | < 30 |
|----------------------------------------|----|-------|------|

| | | | |
|-------------------------------------------|------|-------|------------------------------------------------------------------------------------------------------------------|
| Non HDL Cholesterol (Serum/Calculated) | 74.0 | mg/dL | Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220 |
|-------------------------------------------|------|-------|------------------------------------------------------------------------------------------------------------------|


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|----------------------|-----------------------|-------------|--------------------------------------|

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol.
 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

| | | | |
|---------------------------------------------------------------|-----|--|-------------------------------------------------------------------------------------------------------------------|
| Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated) | 2.2 | | Normal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0 |
|---------------------------------------------------------------|-----|--|-------------------------------------------------------------------------------------------------------------------|

| | | | |
|-------------------------------------------------------------------|-----|--|------------------------------------------------------------------------|
| Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated) | 1.3 | | Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0 |
|-------------------------------------------------------------------|-----|--|------------------------------------------------------------------------|

| | | | |
|-------------------------------------------------|-----|--|------------------------------------------------------------------|
| LDL/HDL Cholesterol Ratio (Serum/Calculated) | 0.9 | | Desirable: 0.5 - 3.0 Borderline: 3.1 - 6.0 Elevated: > 6.0 |
|-------------------------------------------------|-----|--|------------------------------------------------------------------|

Glycosylated Haemoglobin (HbA1c)

| | | | |
|------------------------------------------|------|---|-----------------------------------------------------------------|
| HbA1c (Whole Blood/HPLC-Ion exchange) | 4.92 | % | Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5 |
|------------------------------------------|------|---|-----------------------------------------------------------------|

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control >= 8.1 %

Remark: This test has been outsourced to referral laboratory.

| | | |
|-------------------------------------|------|-------|
| Mean Blood Glucose (Whole Blood) | 94.5 | mg/dL |
|-------------------------------------|------|-------|

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1c values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

THYROID PROFILE / TFT

| | | | |
|-------------------------------------------------------------------------------------|-------|-------|------------|
| T3 (Triiodothyronine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA)) | 1.408 | ng/ml | 0.7 - 2.04 |
|-------------------------------------------------------------------------------------|-------|-------|------------|



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INTERPRETATION:

Comment :

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

| | | | |
|------------------------------------------------------------------------------|-------|-------|------------|
| T4 (Thyroxine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA)) | 8.527 | µg/dl | 4.2 - 12.0 |
|------------------------------------------------------------------------------|-------|-------|------------|

INTERPRETATION:

Comment :

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

| | | | |
|----------------------------------------------------------------|-------|--------|-------------|
| TSH (Thyroid Stimulating Hormone) (Serum/Chemiluminescence) | 1.296 | µIU/mL | 0.35 - 5.50 |
|----------------------------------------------------------------|-------|--------|-------------|

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5

2 nd trimester 0.2-3.0

3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment :

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3.Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

Urine Analysis - Routine

| | |
|------------------------------|-----|
| Others (Urine/Microscopy) | Nil |
|------------------------------|-----|

INTERPRETATION:Note: Done with Automated Urine Analyser & microscopy

Physical Examination(Urine Routine)

| | | |
|--------------------------------------------|-------------|-----------------|
| Colour (Urine/Physical examination) | Pale yellow | Yellow to Amber |
| Appearance (Urine/Physical examination) | Clear | Clear |

Chemical Examination(Urine Routine)



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|-----------------------------------------------------------------------------------------------------------------|-----------------------|-------------|--------------------------------------|
| Protein (Urine/Dipstick-Error of indicator/ Sulphosalicylic acid method) | Negative | | Negative |
| Glucose (Urine/Dip Stick Method / Glucose Oxidase - Peroxidase / Benedict's semi quantitative method.) | Negative | | Negative |
| <u>Microscopic Examination(Urine Routine)</u> | | | |
| Pus Cells (Urine/Microscopy exam of urine sediment) | 02-03 | /hpf | 0 - 5 |
| Epithelial Cells (Urine/Microscopy exam of urine sediment) | 02-04 | /hpf | NIL |
| RBCs (Urine/Microscopy exam of urine sediment) | Nil | /hpf | 0 - 5 |


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-- End of Report --