

| Visit ID : YGT62396 | UHID/MR No Client Code | : YGT.0000062197 |
|---|---------------------------|-----------------------|
| | Client Code | |
| Patient Name : Mr. KAMINENI RAMARAO | Chefit Code | : YOD-DL-0021 |
| Age/Gender : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB : | Registration | : 23/Mar/2024 08:17AM |
| Ref Doctor : SELF | Collected | : 23/Mar/2024 08:17AM |
| Client Name : MEDI WHEELS | Received | : |
| Client Add : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 01:59PM |
| Hospital Name : | | |

ULTRASOUND WHOLE ABDOMEN

<u>Clinical Details :</u> General check-up.

LIVER : Normal in size and increased echo-texture. No focal lesion is seen. Intra hepatic biliary channels are not dilated.

GALL BLADDER : Well distended. No evidence of wall thickening / calculi.

Visualised common bile duct & portal vein appears normal.

PANCREAS : Normal in size and outlines. Parenchymal texture normal. No ductal dilatation. No calcifications / calculi.

SPLEEN : Normal in size and echotexture. No focal lesion is seen.

RIGHT KIDNEY : measures 10.6x3.6 cm. Normal in size with smooth contours. Parenchymal texture normal. No focal lesion is seen. Cortico-medullary differentiation well maintained. Collecting system does not show any dilatation or calculus.

LEFT KIDNEY : measures 11.0x3.8 cm. Normal in size with smooth contours. Parenchymal texture normal. No focal lesion is seen. Cortico-medullary differentiation well maintained. Collecting system does not show any dilatation or calculus.

URINARY BLADDER : Well distended. No evidence of wall thickening / calculi.

PROSTATE : Normal in size and echo-texture.

No enlarged nodes are visualised. No retro-peritoneal lesion is identified. Great vessels appear normal.

No free fluid is seen in peritoneal cavity.

IMPRESSION:

• GRADE I FATTY LIVER.

Suggested clinical correlation and further evaluation.

Verified By : Kollipara Venkateswara Rao

Sustimat.

Dr.SUSHMA VUYYURU MBBS;MD(Radio-Diagnosis) CONSULTANT RADIOLOGIST





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Verified By : Kollipara Venkateswara Rao Approved By :

zustrmar.

Dr.SUSHMA VUYYURU MBBS;MD(Radio-Diagnosis) CONSULTANT RADIOLOGIST





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| Client Name | : MEDI WHEELS | Received | : |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 03:07PM |
| Hospital Name | : | | |
| | | | |

| | X-RAY CHEST PA VIEW | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| <u>Findings</u> : | | | | | | | | | |
| Soft tissues/ bony cage normal. | | | | | | | | | |
| Trachea and Mediastinal structures a | are normal. | | | | | | | | |
| Heart size and configuration are nor | Heart size and configuration are normal. | | | | | | | | |
| Aorta and pulmonary vascularity are | e normal. | | | | | | | | |
| Lung parenchyma and CP angles are clear. | | | | | | | | | |
| Bilateral hilae and diaphragmatic contours are normal. | | | | | | | | | |
| IMPRESSION : | | | | | | | | | |
| • No Significant Abnormality I | Detected. | | | | | | | | |
| S | Suggested Clinical Correlation & Follow up. | | | | | | | | |

Verified By : Kollipara Venkateswara Rao Approved By :

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Dr.SUSHMA VUYYURU MBBS;MD(Radio-Diagnosis) CONSULTANT RADIOLOGIST





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| Ref Doctor | : SELF | Collected | : 23/Mar/2024 08:25AM |
| Client Name | : MEDI WHEELS | Received | : 23/Mar/2024 08:33AM |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 10:12AM |
| Hospital Name | : | | |

| DEPARTMENT OF HAEMATOLOGY | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|
| Test Name | Test NameResultUnitBiological Ref. RangeMethod | | | | | | |

| ESR (ERYTHROCYTE SEDIMENTATION RATE) | | | | | | | |
|--|---------------|-------------------|------------------------|-------------------------|--|--|--|
| Sample Type : WHOLE BLOOD EDTA | | | | | | | |
| ERYTHROCYTE SEDIMENTATION RATE | 15 | mm/1st hr | 0 - 15 | Capillary Photometry | | | |
| COMMENTS: ESR is an acute phase reactant which indicates of a specific disease. It is used to monitor the co are found in cases of malignancy, hematologic of | ourse or resp | onse to treatment | of certain diseases. E | | | | |
| Increased levels may indicate: Chronic renal fail Hodgkin disease, advanced Carcinomas), bacter | | | | | | | |

Hodgkin disease, advanced Carcinomas), bacterial infections (e.g., abdominal infections, acute pelvic inflammatory disease, syphilis, pneumonia), inflammatory diseases (e.g. temporal arteritis, polymyalgia rheumatic, rheumatoid arthritis, rheumatic fever, systemic lupus erythematosus [SLE]), necrotic diseases (e.g., acute myocardial infarction, necrotic tumor, gangrene of an extremity), diseases associated with increased proteins (e.g., hyperfibrinogenemia, macroglobulinemia), and severe anemias (e.g., iron deficiency or B12 deficiency).

Falsely decreased levels may indicate: Sickle cell anemia, spherocytosis, hypofibrinogenemia, or polycythemia vera.

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|---------------------------|--|--|--|--|--|--|--|
| Test Name | Test NameResultUnitBiological Ref. RangeMethod | | | | | | |

| BLOOD GROUP ABO & RH Typing | | | | | | |
|---|--------------------------|--------------|------------------|-------------|--------------------|--|
| Sample Type : WHOLE BLOOD EDTA | | | | | | |
| ABO | В | | | | | |
| Rh Typing | POSITIVE | <u> </u> | | | | |
| Method : Hemagglutination Tube method by forward and reverse grouping | | | | | | |
| COMMENTS: | | | | | | |
| The test will detect common blood g | grouping system A, B, O, | AB and Rhesu | s (RhD). Unusual | blood group | s or rare subtypes | |

will not be detected by this method. Further investigation by a blood transfusion laboratory, will be necessary to identify such groups.

Disclaimer: There is no trackable record of previous ABO & RH test for this patient in this lab. Please correlate with previous blood group findings. Advsied cross matching before transfusion

Verified By : Kollipara Venkateswara Rao



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Dr. Sumalatha MBBS,DCP Consultant Pathologist



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| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 09:51AM |
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| DEPARTMENT OF HAEMATOLOGY | | | | | | |
|---------------------------|--|--|--|--|--|--|
| Test Name | Test NameResultUnitBiological Ref. RangeMethod | | | | | |

| CBC(COMPLETE BLOOD COUNT) Sample Type : WHOLE BLOOD EDTA | | | | | | |
|--|-------|-------------|--------------|----------------------------|--|--|
| | | | | | | |
| RBC COUNT(RED BLOOD CELL COUNT) | 6.04 | million/cmm | 4.50 - 5.50 | Impedance | | |
| PCV/HAEMATOCRIT | 43.8 | % | 40.0 - 50.0 | RBC pulse height detection | | |
| MCV | 72.4 | fL | 83 - 101 | Automated/Calculated | | |
| МСН | 23.5 | pg | 27 - 32 | Automated/Calculated | | |
| MCHC | 32.4 | g/dl | 31.5 - 34.5 | Automated/Calculated | | |
| RDW - CV | 15 | % | 11.0-16.0 | Automated Calculated | | |
| RDW - SD | 41.3 | fl | 35.0-56.0 | Calculated | | |
| MPV | 8.1 | fL | 6.5 - 10.0 | Calculated | | |
| PDW | 15.5 | fL | 8.30-25.00 | Calculated | | |
| PCT | 0.18 | % | 0.15-0.62 | Calculated | | |
| TOTAL LEUCOCYTE COUNT | 5,750 | cells/ml | 4000 - 11000 | Flow Cytometry | | |
| DLC (by Flow cytometry/Microscopy) | | | | | | |
| NEUTROPHIL | 58 | % | 40 - 80 | Impedance | | |
| LYMPHOCYTE | 32 | % | 20 - 40 | Impedance | | |
| EOSINOPHIL | 03 | % | 01 - 06 | Impedance | | |
| MONOCYTE | 07 | % | 02 - 10 | Impedance | | |
| BASOPHIL | 00 | % | 0 - 1 | Impedance | | |
| PLATELET COUNT | 2.17 | Lakhs/cumm | 1.50 - 4.10 | Impedance | | |



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| Client Name | : MEDI WHEELS | Received | : 23/Mar/2024 08:42AM |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 09:50AM |
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| DEPARTMENT OF BIOCHEMISTRY | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|
| Test Name | Test NameResultUnitBiological Ref. RangeMethod | | | | | | |

| THYROID PROFILE (T3,T4,TSH) | | | | | |
|------------------------------------|------|--------|-------------|------|--|
| Sample Type : SERUM | | | | | |
| Т3 | 1.34 | ng/ml | 0.60 - 1.78 | CLIA | |
| T4 | 9.69 | ug/dl | 4.82-15.65 | CLIA | |
| TSH | 2.07 | ulU/mL | 0.30 - 5.60 | CLIA | |
| | | | | | |

INTERPRETATION:

1. Serum T3, T4 and TSH are the measurements form three components of thyroid screening panel and are useful in diagnosing various disorders of thyroid gland function.

2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values along with depressed TSH levels.

3. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels.

4. Normal T4 levels accompanied by high T3 levels are seen in patients with T3 thyrotoxicosis. Slightly elevated T3 levels may be found in pregnancy and in estrogen therapy while depressed levels may be encountered in severe illness, malnutrition, renal failure and during therapy with drugs like propanolol and propylthiouracil.

5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, rarely they can result from TSH secreting pituitary tumors (secondary hyperthyroidism)

6. Low levels of Thyroid hormones (T3, T4 & FT3, FT4) are seen in cases of primary, secondary and tertiary hypothyroidism and sometimes in non-thyroidal illness also. 7. Increased levels are found in Grave's disease, hyperthyroidism and thyroid hormone resistance.

8. TSH levels are raised in primary hypothyroidism and are low in hyperthyroidism and secondary hypothyroidism.

| 9. | P. REFERENCE RANGE : | | | | | |
|----|----------------------|----------------|--|--|--|--|
| | PREGNANCY | TSH in uIU/ mL | | | | |
| | 1st Trimester | 0.60 - 3.40 | | | | |
| | 2nd Trimester | 0.37 - 3.60 | | | | |
| | 3rd Trimester | 0.38 - 4.04 | | | | |

(References range recommended by the American Thyroid Association) Comments:

1. During pregnancy, Free thyroid profile (FT3, FT4 & TSH) is recommended.

2. TSH levels are subject to circadian variation, reaches peak levels between 2-4 AM and at a minimum between 6-10 PM. The variation of the day has influence on the measured serum TSH concentrations.



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Dr. Sumalatha MBBS.DCP **Consultant Pathologist**





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| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|--|--|--|--|--|--|
| Test Name Result Unit Biological Ref. Range Method | | | | | |

| | LIVER FUNCTION TEST(LFT) | | | | | |
|------------------------|--------------------------|-------|-----------|---------------------------------|--|--|
| Sample Type : SERUM | | | | | | |
| TOTAL BILIRUBIN | 0.42 | mg/dl | 0.3 - 1.2 | JENDRASSIK & GROFF | | |
| CONJUGATED BILIRUBIN | 0.09 | mg/dl | 0 - 0.2 | DPD | | |
| UNCONJUGATED BILIRUBIN | 0.33 | mg/dl | | Calculated | | |
| AST (S.G.O.T) | 20 | U/L | < 50 | KINETIC WITHOUT P5P- IFCC | | |
| ALT (S.G.P.T) | 16 | U/L | < 50 | KINETIC WITHOUT P5P- IFCC | | |
| ALKALINE PHOSPHATASE | 93 | U/L | 30 - 120 | IFCC-AMP BUFFER | | |
| TOTAL PROTEINS | 7.7 | gm/dl | 6.6 - 8.3 | Biuret | | |
| ALBUMIN | 4.3 | gm/dl | 3.5 - 5.2 | BCG | | |
| GLOBULIN | 3.4 | gm/dl | 2.0 - 3.5 | Calculated | | |
| A/G RATIO | 1.26 | | | Calculated | | |

Approved By :

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Dr. Sumalatha MBBS,DCP Consultant Pathologist





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| Test Name | Test NameResultUnitBiological Ref. RangeMethod | | | | | | |



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Dr. Sumalatha MBBS,DCP Consultant Pathologist





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Result

DEPARTMENT OF BIOCHEMISTRY

Test Name

Unit

Biological Ref. Range

Method

| LIPID PROFILE | | | | | | |
|--|----------------------|-------|------|--|---------------------|--------------------------------|
| Sample Type : SERUM | | | | | | |
| TOTAL CHOLESTEROL | 171 | mg/dl | | Refere Table | Below | Cholesterol oxidase/peroxidase |
| H D L CHOLESTEROL | 32 | mg/dl | | > 40 | | Enzymatic/ Immunoinhibiton |
| L D L CHOLESTEROL | 98.2 | mg/dl | | Refere Table Below | | Enzymatic Selective Protein |
| TRIGLYCERIDES | 204 | mg/dl |] | Optimal < 150 Borderline High 150 - 199 High 200 - 499 Very High >= 500 | | GPO |
| VLDL | 40.8 | mg/dl | | < 35 | | Calculated |
| T. CHOLESTEROL/ HDL RATIO | 5.34 | | | Refere Table | Below | Calculated |
| TRIGLYCEIDES/ HDL RATIO | 6.38 | Ratio | | < 2.0 | | Calculated |
| NON HDL CHOLESTEROL | 139 | mg/dl | | < 130 | | Calculated |
| Interpretation | | | | | | |
| NATIONAL CHOLESTEROL EDUCATION PROGRAMME (NCEP) | TOTAL CHOLESTEROI | | RIDE | LDL CHOLESTEROL | NON HD CHOLESTER | |
| Optimal | <200 | <150 | | <100 | <130 | |

| Optimal | | <200 | <150 | <100 | <13 |
|-----------------|---------------------|---------|---------|---------|---------|
| Above Optimal | | - | - | 100-129 | 130 - 1 |
| Borderline High | | 200-239 | 150-199 | 130-159 | 160 - 1 |
| High | | >=240 | 200-499 | 160-189 | 190 - 2 |
| Very High | | - | >=500 | >=190 | >=22 |
| REMARKS | Cholesterol : HDL F | Ratio | | | |
| Low risk | 3.3-4.4 | | | | |
| Average risk | 4.5-7.1 | | | | |
| Moderate risk | 7.2-11.0 | | | | |
| High risk | >11.0 | | | | |

Note:

1. Measurements in the same patient can show physiological& analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol 2. NLA-2014 identifies Non HDL Cholesterol(an indicator of all atherogenic lipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron

remnants)along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL &Non HDL.

3.Apolipoprotein B is an optional, secondary lipid target for treatment once LDL & Non HDL goals have been achieved

4. Additional testing for Apolipoprotein B, hsCRP, Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement

Verified By :

Kollipara Venkateswara Rao



Approved By :

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Dr. Sumalatha MBBS, DCP **Consultant Pathologist**





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| DEPARTMENT OF BIOCHEMISTRY | | | | | |
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| Test Name | Result | Unit | Biological Ref. Range | Method | |



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| Test Name | Result | Unit | Biological Ref. Range | Method | |

| PSA (PROSTATE SPECIFIC ANTIGEN) - TOTAL | | | | | | |
|---|--|--|--|--|--|--|
| Sample Type : SERUM | | | | | | |
| PROSTATE SPECIFIC ANTIGEN 0.68 ng/mL < 4.0 CLIA | | | | | | |

INTERPRETATION:

Raised Total PSA levels may indicate prostate cancer, benign prostate hypertation (BPH), or inflammation of the prostate. Prostate manipulation by biopsy or rigorous physical activity may temporarily elevate PSA levels. The blood test should be done before surgery or six weeks after manipulation. The total PSA may be ordered at regular intervals during treatment of men who have been diagnosed with Prostate cancer and in prostatic cancer cases under observation.

Verified By : Kollipara Venkateswara Rao



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|----------------------------|--------|------|------------------------------|--------|--|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | | |

| | 25 HYDROX | XY VITAMIN D | | |
|---|---|---|---|------|
| Sample Type : SERUM | | | | |
| 25 HYDROXY VITAMIN D | 48.0 | ng/ml | 30 - 70 | CLIA |
| INTERPRETATION: | | | | |
| LEVEL | REFE | RENCE RANGE | | |
| Deficiency (serious deficient) | < 10 | ng/ml | | |
| Insufficiency (Deficient) | 10-30 |) ng/ml | | |
| Sufficient (adequate) | 30-70 |) ng/ml | | |
| Toxicity | > 100 |) ng/ml | | |
| -Vitamin D malabsorption. | | | | |
| -Severe Hepatocellular disease. -Drugs like Anticonvulsants. | | | | |
| -Severe Hepatocellular disease. -Drugs like Anticonvulsants. -Nephrotic syndrome. INCREASED LEVELS: -Vitamin D intoxication. COMMENTS: | | | | |
| -Severe Hepatocellular disease. -Drugs like Anticonvulsants. -Nephrotic syndrome. INCREASED LEVELS: -Vitamin D intoxication. | ment of 25 hydroxy v itamin D (5-8 hrs).) metabolites of vitan itude, skin pigmentat amin D 25 (OH) level s being 40-50% lowe | ritamin D, as it is th nin D. rion, sunscreen use s exceeding 75 ng/ | ne major circulating forr and hepatic function. mL. | |

Approved By :

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| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 10:43AM |
| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| HBA1C | | | | | |
|--------------------------------|-----|-------|---|------|--|
| Sample Type : WHOLE BLOOD EDTA | | | | | |
| HBA1c RESULT | 7.9 | % | Normal Glucose tolerance (non-diabetic): <5.7% Pre-diabetic: 5.7-6.4% Diabetic Mellitus: >6.5% | HPLC | |
| ESTIMATED AVG. GLUCOSE | 180 | mg/dl | | | |

Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled .

2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate. 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 .

Verified By : Kollipara Venkateswara Rao



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Dr. Sumalatha MBBS, DCP **Consultant Pathologist**





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB | : | Registration | : 23/Mar/2024 08:17AM |
| Ref Doctor | : SELF | Collected | : 23/Mar/2024 08:25AM |
| Client Name | : MEDI WHEELS | Received | : 23/Mar/2024 08:42AM |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 09:50AM |
| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | |
|----------------------------|--------|------|------------------------------|--------|
| Test Name | Result | Unit | Biological Ref. Range | Method |

| VITAMIN B12 | | | | | |
|---------------------|------|-------|-----------------|------|--|
| Sample Type : SERUM | | | | | |
| VITAMIN B12 | 1119 | pg/mL | 120 - 914 pg/mL | CLIA | |

COMMENTS:

Results may differ between laboratories due to variation in population and test method. Vitamin B12 is implicated in the formation of myelin, and along with Folate is required for DNA synthesis. The most prominent source of B12 for humans is meat while untreated fresh water can also be a source.

Megaloblastic anaemia has been found to be due to B12 deficiency, a major cause being Pernicious anemia due to poor B12 uptake resulting in below normal serum levels. Other conditions related to low B12 levels include iron deficiency anemia, pregnancy, vegetarianism, partial gastrectomy, ileal damage, oral contraceptives, parasitic infestations, pancreatic deficiency, treated epilepsy and advancing age. The correlation of serum B12 levels and Megaloblastic anemia however is not always clear - some patients with high MCV may have normal B12 levels, while some individuals with B12 deficiency may not have megaloblastic anemia. Disorders renal failure, liver diseases and myeloproliferative diseases may have elevated vitamin B12 levels.

LIMITATIONS:

For diagnostic purposes, the B12 results should be used in conjunction with other data; e.g.; symptoms results of other testing, clinical impressions, etc.

If the B12 level is inconsistent with clinical evidence, additional testing is suggested to confirm the result.

Verified By : Kollipara Venkateswara Rao

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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
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| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
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| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| BLOOD UREA NITROGEN (BUN) | | | | | | |
|---------------------------|------|-------|---------|-------------|--|--|
| Sample Type : Serum | | | | | | |
| SERUM UREA | 31 | mg/dL | 13 - 43 | Urease GLDH | | |
| Blood Urea Nitrogen (BUN) | 14.5 | mg/dl | 5 - 25 | GLDH-UV | | |
| Increased In: | 7 | | | | | |

Impaired kidney function, Reduced renal blood flow {CHF, Salt and water depletion, (vomiting, diarrhea, diuresis, sweating), Shock}, Any obstruction of urinary tract, Increased protein catabolism, AMI, Stress

Decreased In:

Diuresis (e.g. with over hydration), Severe liver damage, Late pregnancy, Infancy, Malnutrition, Diet (e.g., low-protein and high-carbohydrate, IV feedings only), Inherited hyperammonemias (urea is virtually absent in blood)

Limitations:

Urea levels increase with age and protein content of the diet.

Verified By : Kollipara Venkateswara Rao



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Dr. Sumalatha MBBS, DCP **Consultant Pathologist**



| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
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| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| | FBS (GLUCO | DSE FASTING) | | | | |
|---|---------------------|----------------------|----------|------------|--|--|
| Sample Type : FLOURIDE PLASMA | | | | | | |
| FASTING PLASMA GLUCOSE | 159 | mg/dl | 70 - 100 | HEXOKINASE | | |
| INTERPRETATION: | | | | | | |
| Increased In | | | | | | |
| Diabetes Mellitus | | | | | | |
| Stress (e.g., emotion, burns, shock | , anesthesia) | | | | | |
| Acute pancreatitis | | | | | | |
| Chronic pancreatitis | | | | | | |
| Wernicke encephalopathy (vitamin | B1 deficiency) | | | | | |
| • Effect of drugs (e.g. corticosteroids | , estrogens, alcoho | , phenytoin, thiazid | es) | | | |
| Decreased In | | | | | | |
| Pancreatic disorders | | | | | | |
| Extrapancreatic tumors | | | | | | |
| Endocrine disorders | | | | | | |
| Malnutrition | | | | | | |
| | | | | | | |
| Hypothalamic lesions | | | | | | |
| Hypothalamic lesionsAlcoholism | | | | | | |

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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB | : | Registration | : 23/Mar/2024 08:17AM |
| Ref Doctor | : SELF | Collected | : 23/Mar/2024 10:16AM |
| Client Name | : MEDI WHEELS | Received | : 23/Mar/2024 10:32AM |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 10:55AM |
| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| PPBS (POST PRANDIAL GLUCOSE) | | | | |
|--|------|-------------------|------|------------|
| Sample Type : FLOURIDE PLASMA | | | | |
| POST PRANDIAL PLASMA GLUCOSE | 218 | mg/dl | <140 | HEXOKINASE |
| INTERPRETATION: | | | | |
| Increased In Diabetes Mellitus Stress (e.g., emotion, burns, shock, anesthes Acute pancreatitis Chronic pancreatitis Wernicke encephalopathy (vitamin B1 deficier Effect of drugs (e.g. corticosteroids, estrogen Decreased In | ncy) | ytoin, thiazides) | | |
| Pancreatic disorders | | | | |
| Extrapancreatic tumors | | | | |
| Endocrine disorders | | | | |
| Malnutrition | | | | |
| Hypothalamic lesions Alcoholism | | | | |
| Endocrine disorders | | | | |
| | | | | |

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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB | : | Registration | : 23/Mar/2024 08:17AM |
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| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 09:50AM |
| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | | |

| SERUM CREATININE | | | | | | |
|---|-------------------------|----------------------|-------------|------------------------|--|--|
| Sample Type : SERUM | | | | | | |
| SERUM CREATININE | 1.10 | mg/dl | 0.70 - 1.30 | KINETIC-JAFFE | | |
| Increased In: Diet: ingestion of creatinine (roo Impaired kidney function. | ast meat), Muscle disea | ise: gigantism, acro | omegaly, | | | |
| Decreased In: | | | | | | |
| Pregnancy: Normal value is 0.4- diagnostic evaluation. Creatinine secretion is inhibited | | | | e clinician to further | | |



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Dr. Sumalatha MBBS,DCP Consultant Pathologist



| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
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| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | | |

| GGT (GAMMA GLUTAMYL TRANSPEPTIDASE) | | | | | | |
|-------------------------------------|--|----|-----|----------|--------------|--|
| Sample Type : SERUM | | | | | | |
| GGT | | 31 | U/L | 0 - 55.0 | KINETIC-IFCC | |
| INTERPRETATION: | | | | | | |

GGT functions in the body as a transport molecule, helping to move other molecules around the body. It plays a significant role in helping the liver metabolize drugs and other toxins. Increased GGT include overuse of alcohol, chronic viral hepatitis, lack of blood flow to the liver, liver tumor, cirrhosis, or scarred liver, overuse of certain drugs or other toxins, heart failure, diabetes, pancreatitis, fatty liver disease.

Verified By : Kollipara Venkateswara Rao



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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
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| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
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| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| URIC ACID -SERUM | | | | | | |
|---------------------|--|-----|-------|------------|---------------|--|
| Sample Type : SERUM | | | | | | |
| SERUM URIC ACID | | 5.3 | mg/dl | 3.5 - 7.20 | URICASE - PAP | |
| Interpretation | | | | | | |

Uric acid is the final product of purine metabolism in the human organism. Uric acid measurements are used in the diagnosis and treatment of numerous renal and metabolic disorders, including renal failure, gout, leukemia, psoriasis, starvation or other wasting conditions, and of patients receiving cytotoxic drugs.

Verified By : Kollipara Venkateswara Rao



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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
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| Hospital Name | : | | |

| DEPARTMENT OF BIOCHEMISTRY | | | | | |
|----------------------------|--------|------|------------------------------|--------|--|
| Test Name | Result | Unit | Biological Ref. Range | Method | |

| BUN/CREATININE RATIO | | | | | | |
|---------------------------|-------|-------|-------------|---------------|--|--|
| Sample Type : SERUM | | | | | | |
| Blood Urea Nitrogen (BUN) | 14.5 | mg/dl | 5 - 25 | GLDH-UV | | |
| SERUM CREATININE | 1.10 | mg/dl | 0.70 - 1.30 | KINETIC-JAFFE | | |
| BUN/CREATININE RATIO | 13.10 | Ratio | 6 - 25 | Calculated | | |



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Dr. Sumalatha MBBS,DCP Consultant Pathologist





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB | : | Registration | : 23/Mar/2024 08:17AM |
| Ref Doctor | : SELF | Collected | : 23/Mar/2024 08:17AM |
| Client Name | : MEDI WHEELS | Received | : |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 02:58PM |
| Hospital Name | : | | |
| | | | |

| | 2D ECHO DOPPLER STUDY |
|----------------------|---|
| MITRAL VALVE | : Normal |
| AORTIC VALVE | : Normal |
| TRICUSPID VALVE | : Normal |
| PULMONARY VALVE | : Normal |
| RIGHT ATRIUM | : Normal |
| RIGHT VENTRICLE | : Normal |
| LEFT ATRIUM | : 3.8 cms |
| LEFT VENTRICLE | : EDD : 4.0 cm IVS(d) : 1.0cm LVEF :58 % ESD : 2.2 cm PW (d) :1.2 cm FS :28 % No RWMA |
| IAS | : Intact |
| IVS | : Intact |
| AORTA | : 2.7cms |
| PULMONARY ARTERY | : Normal |
| PERICARDIUM | : Normal |
| IVS/ SVC/ CS | : Normal |
| PULMONARY VEINS | : Normal |
| INTRA CARDIAC MASSES | 5 : No |
| | |

Verified By : Kollipara Venkateswara Rao



Approved By :

Dr.B.Nagaraju MD(Internal Medicine) DN(CARDIOLOGY) APNC Reg.No 70760

CONTACT US



| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
| Patient Name | : Mr. KAMINENI RAMARAO | Client Code | : YOD-DL-0021 |
| Age/Gender | : 54 Y 0 M 0 D /M | Barcode No | : 10986120 |
| DOB | : | Registration | : 23/Mar/2024 08:17AM |
| Ref Doctor | : SELF | Collected | : 23/Mar/2024 08:17AM |
| Client Name | : MEDI WHEELS | Received | : |
| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 02:58PM |
| Hospital Name | : | | |

| DOPPLER STUDY : | |
|---|-------------------------------|
| MITRAL FLOW | : E -0.7 m/sec, A - 0.4m/sec. |
| AORTIC FLOW | : 1.2m/sec |
| PULMONARY FLOW | : 1.1m/sec |
| TRICUSPID FLOW | TRJV: 0.9m/sec, RVSP - 19mmHg |
| COLOUR FLOW MAPPING | <u>A:</u> NORMAL |
| IMPRESSION : | |
| * S/ P PTCA * MILD CONCENTRIC LVI * NO OBVIOUS RWMA * NORMAL LV SYSTOLIC * NO MR/ AR/ PR/ TR/ PA * NO PE / CLOT / VEGET. | FUNCTI ON H |

Verified By : Kollipara Venkateswara Rao Approved By :

Dr.B.Nagaraju MD(Internal Medicine) DN(CARDIOLOGY) APNC Reg.No 70760





| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
|---------------|----------------------------------|--------------|-----------------------|
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| Client Add | : F-701, Lado Sarai, Mehravli, N | Reported | : 23/Mar/2024 10:55AM |
| Hospital Name | : | | |

Result

| DEPARTMENT | OF CL | INICAL | PATHOI | JOGY |
|------------|-------|--------|--------|-------------|
|------------|-------|--------|--------|-------------|

Test Name

Unit

Biological Ref. Range

Method

| C | UE (COMPLETE UR | RINE EXAM | INATION) | |
|--------------------------|-----------------|-----------|---------------|----------------------------------|
| Sample Type : SPOT URINE | | | | |
| PHYSICAL EXAMINATION | | | | |
| TOTAL VOLUME | 25 ML | ml | | |
| COLOUR | PALE YELLOW | | | |
| APPEARANCE | CLEAR | | | |
| SPECIFIC GRAVITY | 1.020 | | 1.003 - 1.035 | Bromothymol Blue |
| CHEMICAL EXAMINATION | | | | |
| pH | 6.5 | | 4.6 - 8.0 | Double Indicator |
| PROTEIN | NEGATIVE | | NEGATIVE | Protein - error of Indicators |
| GLUCOSE(U) | NEGATIVE | | NEGATIVE | Glucose Oxidase |
| UROBILINOGEN | NEGATIVE | mg/dl | < 1.0 | Ehrlichs Reaction |
| KETONE BODIES | NEGATIVE | | NEGATIVE | Nitroprasside |
| BILIRUBIN - TOTAL | NEGATIVE | | Negative | Azocoupling Reaction |
| BLOOD | NEGATIVE | | NEGATIVE | Tetramethylbenzidine |
| LEUCOCYTE | NEGATIVE | | Negative | Azocoupling reaction |
| NITRITE | NEGATIVE | | NEGATIVE | Diazotization Reaction |
| MICROSCOPIC EXAMINATION | L | | | 1 |

| MICROSCOPIC EXAMINATION | | | | |
|-------------------------|-----|-----------|--------|--|
| PUS CELLS | 2-3 | cells/HPF | 0-5 | |
| EPITHELIAL CELLS | 1-2 | /hpf | 0 - 15 | |
| RBCs | NIL | Cells/HPF | Nil | |
| CRYSTALS | NIL | Nil | Nil | |
| CASTS | NIL | /HPF | Nil | |
| BUDDING YEAST | NIL | | Nil | |
| BACTERIA | NIL | | Nil | |
| OTHER | NIL | | | |

Verified By : Kollipara Venkateswara Rao



Approved By :

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Dr. Sumalatha MBBS,DCP Consultant Pathologist



| Visit ID | : YGT62396 | UHID/MR No | : YGT.0000062197 |
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| DEPARTMENT OF CLINICAL PATHOLOGY | | | | |
|----------------------------------|---|--|--|--|
| Test Name | ne Result Unit Biological Ref. Range Method | | | |

*** End Of Report ***

Verified By : Kollipara Venkateswara Rao



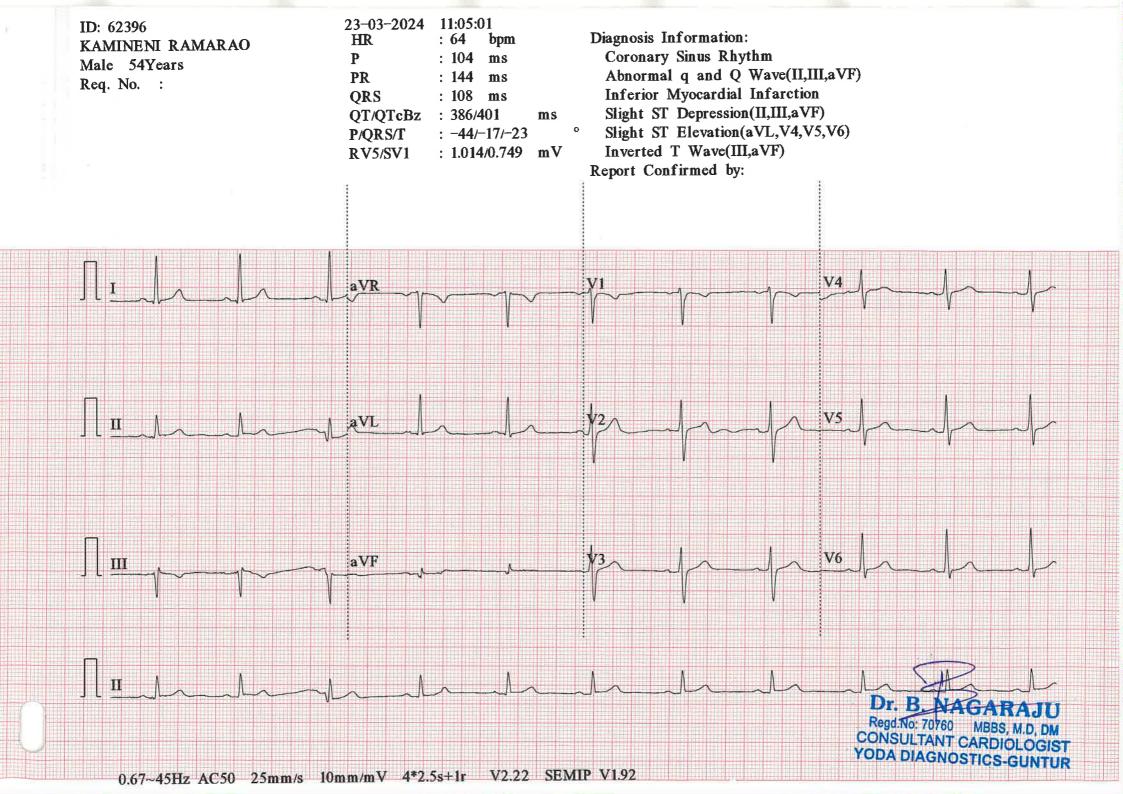
Approved By :

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Dr. Sumalatha MBBS,DCP Consultant Pathologist







| | | | i | DATE: | 23-03 | 5-24 |
|--------|-------------|------------|--------|-------------|----------|------|
| NAM | E: <u> </u> | ANIU | JENI | RAM | GRA | D |
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| COA | TINGS | : ARC | ; _ | HARD C | ΟΑΤ | |
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| BIFO | CALS | : KRY | рток | EXECUTI | VE | |
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| DV | M | 150 | 90 | se | Īw | 90 |
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Dr Keerthi Kishore

TEMP:

B.P: 120/80 ... May 149

FORTR2

MBBS, MD (General Medicine) **Consultant Physician & Diabetologist** Reg. No. 64905 amînenî ema teo Name: Date: 23. 03. 2. M. Age: SH YCONS. Sex: FCMale (gionten Address:

Routine Health check up NO complaruts

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(BBF)(BIF)

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Read.No: 64905 MBBS. M.D. G

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ISLILTANT GENERAL PHYSIC

CQD- J-POWER

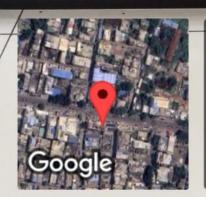
Tab . March The Har

HBAC-7.9) 1 DIabetic Diet / Low salt Diet/ PRS-159mg/dl Tab. TRIVOZOX PPIZS- 21849 d1

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属 040 35353535 Iab.guntur@yodalifeline.in 🦉 🗤 🗤 ທີ່ ເອດຊາຍອາດອາຍອາດອາຍອາດອາດ D.No. 12-12-36/1, Old Club Road, Kothapet, Guntur - 522001. Cell : 9640575575

NOSTICS



Guntur, Andhra Pradesh, India D.No: 12-12, 36/1, Old Club Rd, opp. Manasa hospital, Kothapeta, Guntur, Andhra Pradesh 522001, India Lat 16.299247° Long 80.451642° 23/03/24 08:11 AM GMT +05:30

GPS Map Camera