

REPORT

| | | | |
|--------------------|---------------------------------------|---------------|-------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643581 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09: 18 AM |
| Primary Sample | : | Received On | : 02-Jul-2024 01: 39 PM |
| Sample Tested In | : Urine | Reported On | : 02-Jul-2024 03: 23 PM |
| Client Address | : Kimtee colony ,Gokul Nagar, Tarnaka | Report Status | : Final Report |

CLINICAL BIOCHEMISTRY

GLUCOSE FASTING

| Test Name | Results | Units | Ref. Range | Method |
|-----------|---------|-------|------------|--------|
|-----------|---------|-------|------------|--------|

| | | | | |
|------------------------------|----------|--|----------|----------------------|
| Fasting Urine Glucose | Negative | | Negative | Automated Strip Test |
|------------------------------|----------|--|----------|----------------------|

*** End Of Report ***



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DR.VAISHNAVI
MD BIOCHEMISTRY

REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643557 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09:18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 12:55 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 02-Jul-2024 02:14 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

HAEMATOLOGY

COMPLETE HEMOGRAM

| Test Name | Results | Units | Ref. Range | Method |
|--|-------------------------|---------------------|------------|----------------|
| Complete Blood Picture(CBP) | | | | |
| Haemoglobin (Hb) | 11.5 | g/dL | 12-15 | Cynmeth Method |
| Haematocrit (HCT) | 33.7 | % | 40-50 | Calculated |
| RBC Count | 4.32 | 10 ¹² /L | 3.8-4.8 | Cell Impedance |
| MCV | 78 | fl | 81-101 | Calculated |
| MCH | 26.5 | pg | 27-32 | Calculated |
| MCHC | 34.0 | g/dL | 32.5-34.5 | Calculated |
| RDW-CV | 12.9 | % | 11.6-14.0 | Calculated |
| Platelet Count (PLT) | 247 | 10 ⁹ /L | 150-410 | Cell Impedance |
| Total WBC Count | 6.3 | 10 ⁹ /L | 4.0-10.0 | Impedance |
| Differential Leucocyte Count (DC) | | | | |
| Neutrophils | 60 | % | 40-70 | Cell Impedance |
| Lymphocytes | 34 | % | 20-40 | Cell Impedance |
| Monocytes | 04 | % | 2-10 | Microscopy |
| Eosinophils | 02 | % | 1-6 | Microscopy |
| Basophils | 00 | % | 1-2 | Microscopy |
| Absolute Neutrophils Count | 3.78 | 10 ⁹ /L | 2.0-7.0 | Impedance |
| Absolute Lymphocyte Count | 2.14 | 10 ⁹ /L | 1.0-3.0 | Impedance |
| Absolute Monocyte Count | 0.25 | 10 ⁹ /L | 0.2-1.0 | Calculated |
| Absolute Eosinophils Count | 0.13 | 10 ⁹ /L | 0.02-0.5 | Calculated |
| Absolute Basophil ICount | 0.00 | 10 ⁹ /L | 0.0-0.3 | Calculated |
| Morphology | Normocytic normochromic | | | PAPs Staining |



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REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643557 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09:18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 12:55 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 02-Jul-2024 02:14 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

HAEMATOLOGY

COMPLETE HEMOGRAM

| Test Name | Results | Units | Ref. Range | Method |
|---|--|-------|------------|------------|
| Blood Picture - Peripheral Smear Examination | | | | |
| Red Blood Cells | Normocytic normochromic | | | Microscopy |
| White Blood Cells | Within normal limits | | | Microscopy |
| Platelets | Adequate | | | Microscopy |
| Hemoparasites | Not seen. | | | Microscopy |
| Impression | Normocytic normochromic blood picture. | | | |
| Advice | Correlate clinically | | | |

Result rechecked and verified for abnormal cases

*** End Of Report ***

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REPORT

| | | | |
|--------------------|---------------------------------------|---------------|-------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643557 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09: 18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 12: 55 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 02-Jul-2024 02: 12 PM |
| Client Address | : Kimtee colony ,Gokul Nagar, Tarnaka | Report Status | : Final Report |

HAEMATOLOGY

COMPLETE HEMOGRAM

| Test Name | Results | Units | Ref. Range | Method |
|-----------|---------|-------|------------|--------|
|-----------|---------|-------|------------|--------|

| | | | | |
|---|-----------|-------|------------|-------------------|
| Erythrocyte Sedimentation Rate (ESR) | 17 | mm/hr | 14 or less | Westergren method |
|---|-----------|-------|------------|-------------------|

Comments : ESR is an acute phase reactant which indicates presence and intensity of an inflammatory process.It is never diagnostic of a specific disease. It is used to monitor the course or response to treatment of certain diseases. Extremely high levels are found in cases of malignancy, hematologic diseases, collagen disorders and renal diseases.



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REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643560 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09:18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 12:42 PM |
| Sample Tested In | : Plasma-NaF(F) | Reported On | : 02-Jul-2024 01:58 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

CLINICAL BIOCHEMISTRY

GLUCOSE FASTING

| Test Name | Results | Units | Ref. Range | Method |
|-----------|---------|-------|------------|--------|
|-----------|---------|-------|------------|--------|

| | | | | |
|----------------------------|----|-------|--------|------------|
| Glucose Fasting (F) | 81 | mg/dL | 70-100 | Hexokinase |
|----------------------------|----|-------|--------|------------|

Interpretation of Plasma Glucose based on ADA guidelines 2018

| Diagnosis | FastingPlasma Glucose(mg/dL) | 2hrsPlasma Glucose(mg/dL) | HbA1c(%) | RBS(mg/dL) |
|-------------|------------------------------|---------------------------|----------|----------------------|
| Prediabetes | 100-125 | 140-199 | 5.7-6.4 | NA |
| Diabetes | > = 126 | > = 200 | > = 6.5 | >=200(with symptoms) |

Reference: Diabetes care 2018;41(suppl.1):S13-S27

Result rechecked and verified for abnormal cases

*** End Of Report ***

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REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643557 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09:18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 12:55 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 02-Jul-2024 02:15 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Ref. Range | Method |
|-----------------------------|---------|-------|--|------------|
| Glycated Hemoglobin (HbA1c) | 6.0 | % | Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5 | HPLC |
| Mean Plasma Glucose | 125.5 | mg/dL | | Calculated |

Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

NOTE: The above Given Risk Level Interpretation is not age specific and is an information resource only and is not to be used or relied on for any diagnostic or treatment purposes and should not be used as a substitute for professional diagnosis and treatment. Kindly Correlate clinically.

INTERPRETATION

Method: Analyzer Fully automated HPLC platform.

| Average Blood Glucose (eAG) (mg/dL) | Level of Control | Hemoglobin A1c (%) |
|-------------------------------------|------------------|--------------------|
| 421 | | 14% |
| 386 | | 13% |
| 350 | | 12% |
| 314 | | 11% |
| 279 | | 10% |
| 243 | | 9% |
| 208 | | 8% |
| 172 | POOR | 7% |
| 136 | GOOD | 6% |
| 101 | EXCELLENT | 5% |

HbA1c values of 5.0- 6.5 percent indicate good control or an increased risk for developing diabetes mellitus. HbA1c values greater than 6.5 percent are diagnostic of diabetes mellitus. Diagnosis should be confirmed by repeating the HbA1c test.

NOTE: Hb F higher than 10 percent of total Hb may yield falsely low results. Conditions that shorten red cell survival, such as the presence of unstable hemoglobins like Hb SS, Hb CC, and Hb SC, or other causes of hemolytic anemia may yield falsely low results. Iron deficiency anemia may yield falsely high results.

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REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mrs. SATYAMMA | Sample ID | : A0643559 |
| Age/Gender | : 70 Years/Female | Reg. No | : 0312407020006 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 02-Jul-2024 09:18 AM |
| Primary Sample | : Whole Blood | Received On | : 02-Jul-2024 01:02 PM |
| Sample Tested In | : Serum | Reported On | : 02-Jul-2024 04:55 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Ref. Range | Method |
|---------------------------|---------|--------|------------|-------------------------------------|
| Kidney Profile-KFT | | | | |
| Creatinine -Serum | 0.96 | mg/dL | 0.55-1.02 | Sarcosine oxidase |
| Urea-Serum | 25.8 | mg/dL | 17.1-49.2 | Glutamate dehydrogenase+Calculation |
| Blood Urea Nitrogen (BUN) | 12.05 | mg/dL | 8.0-23.0 | Calculated |
| BUN / Creatinine Ratio | 12.55 | | 6 - 22 | |
| Uric Acid | 4.57 | mg/dL | 2.6-6.0 | Uricase |
| Sodium | 138 | mmol/L | 136-145 | ISE Direct |
| Potassium | 3.7 | mmol/L | 3.5-5.1 | ISE Direct |
| Chloride | 101 | mmol/L | 98-108 | ISE Direct |

Interpretation:

- The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes through the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

Correlate Clinically.

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*** End Of Report ***



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