



TEST REPORT

Name : **Nilam Santosh Kalgude** Ward : OPD
Lab ID : **4100100446** Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on :
Reference : Sample Type :
Client : Velocity Hospital

Abnormal Result(s) Summary

| Test Name | Result Value | Unit | Reference Range |
|--|---|-----------|---|
| Complete Blood Count with ESR (CBC-ESR) | | | |
| MCV | 77.6 | fL | 80.0 - 100.0 |
| MCH | 24.3 | pg | 27.0 - 32.0 |
| MCHC | 31.4 | g/dL | 31.5 - 34.5 |
| RDW CV | 14.5 | % | 11.6 - 14.0 |
| PDW | 17.4 | fL | 9.6 - 15.2 |
| RBC Morphology | Microcytosis (+), Anisocytosis (+) | | |
| ESR 1st Hour : | 50 | mm/hr | 0 - 20 |
| Urine Routine Examination | | | |
| Blood | Present (++) | | Absent |
| Pus Cells | 6 - 8 | cells/HPF | 0 - 2 |
| Red Blood Cells (RBC) | 35-40 | cells/HPF | Absent |
| Epithelial Cells | 8 - 10 | cells/HPF | 0 - 2 |
| Bacteria | Present (+) | | |
| HbA1c (Glycosylated Hemoglobin) | 6.47 | % | < 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes |
| Mean Whole Blood Glucose | 137.0 | mg/dL | 58 - 122 |
| HDL Cholesterol | 39.65 | mg/dL | <40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease |

Abnormal Result(s) Summary End





TEST REPORT

Name : Nilam Santosh Kalgude Ward : OPD
Lab ID : 4100100446 Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : EDTA Blood
Client : Velocity Hospital

Mediwheel health package below 40- female CBC with ESR

| Parameters | Result | Unit | Biological Reference Interval |
|---|---------------|------------|-------------------------------|
| Haemoglobin and RBC Indices | | | |
| Haemoglobin (Hb) | 12.0 | g/dL | 11.7 - 15.5 |
| RBC Count | 4.92 | million/uL | 3.8 - 5.1 |
| Hematocrit (HCT) | 38.2 | % | 35.0 - 45.0 |
| MCV | L 77.6 | fL | 80.0 - 100.0 |
| MCH | L 24.3 | pg | 27.0 - 32.0 |
| MCHC | L 31.4 | g/dL | 31.5 - 34.5 |
| RDW CV | H 14.5 | % | 11.6 - 14.0 |
| White Blood Cells and Differential Count | | | |
| Total WBC Count | 8090 | /μL | 4500-11000 |
| Neutrophils | 68 | % | 40-80 |
| Lymphocytes | 28 | % | 20 - 40 |
| Eosinophils | 02 | % | 00-05 |
| Monocytes | 02 | % | 00-07 |
| Basophils | 00 | % | 00 - 02 |
| Absolute Count | | | |
| Absolute Neutrophil Count | 5501 | /μL | 1800-7700 |
| Absolute Lymphocyte Count | 2265 | /μL | 800-4800 |
| Absolute Eosinophil Count | 162 | /μL | 80 - 500 |
| Absolute Monocyte Count | 162 | /μL | 40-1000 |
| Absolute Basophil Count | 0 | /μL | < 100 |
| GLR/NLR | 2.4 | | |
| Platelets Count and Morphology | | | |
| Platelet | 332900 | /μL | 150000 - 450000 |
| MPV | 8.0 | fL | 6.5 - 12.0 |
| PDW | H 17.4 | fL | 9.6 - 15.2 |
| Plateletcrit (PCT) | 0.270 | % | 0.19 - 0.39 |



Bhatt



TEST REPORT

Name : **Nilam Santosh Kalgude** Ward : OPD
Lab ID : **4100100446** Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : EDTA Blood
Client : Velocity Hospital

Mentzer Index 15.8 13 - 100

Smear Morphology

RBC Morphology **Microcytosis (+), Anisocytosis (+)**
WBC Morphology Appear normal, Immature cells are not seen .
Platelets Morphology Platelets are adequate with normal morphology.
Malarial Parasite Not Seen

Erythrocytes Sedimentation Rate

ESR 1st Hour : H 50 mm/hr 0 - 20





TEST REPORT

Name : **Nilam Santosh Kalgude**
Lab ID : **4100100446**
Age / Sex : 31 Years / Female
Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 09:18
Reported on : 26-Oct-2024 15:46
Sample Type : EDTA Blood

**Mediwheel health package below 40- female
Blood Grouping**

| Parameters | Result |
|------------|----------|
| ABO Group | A |
| Rh Type | Positive |



Bhatt

DR. TEJAL BHATT
MD PATHOLOGIST
REG. NO. G-15154



TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : EDTA Blood,Urine Random, Fluoride Plasma |
| Client | : Velocity Hospital | | |

Mediwheel health package below 40- female

Glycosylate Hemoglobin (HbA1C)

| Parameters | Result | Unit | Biological Reference Interval |
|---|----------------|-------|--|
| HbA1c (Glycosylated Hemoglobin) <i>Immuno turbidimetry</i> | H 6.47 | % | < 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes |
| Mean Whole Blood Glucose | H 137.0 | mg/dL | 58 - 122 |
| <u>Fasting Blood Sugar</u> | | | |
| Fasting Glucose-FBS <i>Hexokinase</i> | 71.1 | mg/dL | 70 - 110 |

Information:

- * HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood glucose control (also called glycemic control)
- * HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of long term glycemic control than blood glucose determination
- * HbA1c is formed by non-enzymatic reaction between glucose and Hb. , this reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
- * Long term complications of diabetes such as retinopathy-eye complications, nephropathy-kidney complications and neuropathy-nerve complications, are potentially serious and can lead to blindness, kidney failure etc.
- * Glycemic control monitored by HbA1c measurement using HPLC method-(Gold Standard) is considered most important. (Ref. National Glycohemoglobin Standardization Program -NGSP).



Bhatt



TEST REPORT

Reg. No. : 41000730464 **Reg. Date** : 26-Oct-2024 10:23 **Ref.No** : **Approved On** : 26-Oct-2024 11:20
Name : NILAM SANTOSH KULGUDE **Collected On** : 26-Oct-2024 10:23
Age : 31 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : **Tele No.** :
Location : SPECTRA DIAGNOSTIC @ LP SAVANI ROAD

| Test Name | Results | Units | Bio. Ref. Interval |
|--|---------|--------|--------------------|
| THYROID FUNCTION TEST | | | |
| T3 (triiodothyronine), Total <i>Method:CLIA</i> | 1.17 | ng/mL | 0.6 - 1.81 |
| T4 (Thyroxine), Total <i>Method:CLIA</i> | 7.8 | µg/dL | 4.5 - 12.6 |
| TSH (Ultra Sensitive) <i>Method:CLIA</i> | 1.900 | µIU/mL | 0.55 - 4.78 |
| Sample Type:Serum | | | |

Comments:
 Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

- TSH levels During Pregnancy :**
- First Trimester : 0.1 to 2.5 µIU/mL
 - Second Trimester : 0.2 to 3.0 µIU/mL
 - Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

----- End Of Report -----

This is an electronically authenticated report. "Please verify the authenticity of this report by scanning the QR code to ensure data integrity."

Test done from collected sample.

Page 6 of 11

Dr. Brijesha Patel
 M.D. Pathology
 Reg. No.:G-32437

Generated On : 26-Oct-2024 11:26



TEST REPORT

Name : Nilam Santosh Kalgude Ward : OPD
 Lab ID : 4100100446 Registration on : 26-Oct-2024 09:18
 Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
 Reference : Sample Type : Serum
 Client : Velocity Hospital

Mediwheel health package below 40- female

Lipid Profile

| Parameters | Result | Unit | Biological Reference Interval |
|--|----------------|-------|---|
| Sample | Fasting sample | | |
| Cholesterol Total <i>Enzymatic Colorimetric</i> | 156.6 | mg/dL | <220 : Desirable 220 - 239 : Borderline High >240 : High |
| Triglyceride <i>Enzymatic Colorimetric</i> | 95.34 | mg/dL | <150 : Normal 150 - 199 : Borderline High 200 - 499 :High >500 : Very High |
| HDL Cholesterol <i>Enzymatic Colorimetric</i> | L 39.65 | mg/dL | <40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease |
| VLDL Cholesterol <i>Calculated</i> | 19.07 | mg/dL | < 30 |
| LDL Cholesterol <i>Calculated</i> | 97.88 | mg/dL | < 130 optimal 130 - 159 Borderline high 160 - 189 High > 190 Very High |
| Cholesterol/HDL Ratio : <i>Calculated</i> | 3.95 | | < 3.5 Optimal 3.5 - 5.0 Low Risk > 5.0 High Risk |
| LDL/HDL Ratio : <i>Calculated</i> | 2.47 | | up to 3.5 |
| TOTAL LIPID <i>Calculated</i> | 513.12 | mg/dL | 400 - 1000 mg/dl |



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TEST REPORT

Name : Nilam Santosh Kalgude Ward : OPD
Lab ID : 4100100446 Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : Serum
Client : Velocity Hospital

Mediwheel health package below 40- female

Liver Function Test

| Parameters | Result | Unit | Biological Reference Interval |
|--|--------|-------|-------------------------------|
| Bilirubin Total <i>Diazo Colorimetric</i> | 0.5 | mg/dL | 0.2 - 1.2 |
| Bilirubin Direct <i>Diazo Colorimetric</i> | 0.2 | mg/dL | 0.1 - 0.4 |
| Bilirubin Indirect <i>Calculated</i> | 0.30 | mg/dL | 0.2 - 0.7 |
| Serum Glutamic-Pyruvate Transaminase-SGPT <i>IFCC without pyridoxal phosphate</i> | 12.0 | U/L | 10 - 49 |
| Serum Glutamic-Oxaloacetic Transaminase-SGOT <i>IFCC with pyridoxal-5-phosphate</i> | 14.3 | U/L | 10 - 46 |
| Total Protein Seruma <i>Enzymatic Colorimetric</i> | 7.0 | g/dL | 6.0 - 8.0 |
| Albumin Serum <i>Bromocresol Green Colorimetric</i> | 3.76 | g/dL | 3.5 - 5.2 |
| Globulin <i>Calculated</i> | 3.24 | g/dL | 2.3 - 3.4 |
| Albumin Globulin Ratio <i>Calculated</i> | 1.16 | | 0.9 - 3.1 |
| Alkaline Phosphatase (ALP) <i>Enzymatic Colorimetric</i> | 75.3 | U/L | 35 - 104 |



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TEST REPORT

Name : Nilam Santosh Kalgude Ward : OPD
Lab ID : 4100100446 Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : Serum
Client : Velocity Hospital

Mediwheel health package below 40- female

Kidney Function Test

| Parameters | Result | Unit | Biological Reference Interval |
|--|--------|-------|-------------------------------|
| Creatinine Serum <i>Jaffe's kinetic</i> | 0.7 | mg/dL | 0.50 - 1.20 |
| Urea Serum <i>Kinetic with Urease & GLDH</i> | 21.3 | mg/dL | 10 - 50 |
| Blood Urea Nitrogen (BUN) <i>Calculated</i> | 9.95 | mg/dL | 6 - 20 |
| BUN Creatinine Ratio <i>Calculated</i> | 14.21 | | 10 - 20 |
| Uric Acid Serum <i>Enzymatic Colorimetric</i> | 3.48 | mg/dL | 2.6 - 6.0 |
| Total Protein Seruma <i>Enzymatic Colorimetric</i> | 7.0 | g/dL | 6.0 - 8.0 |
| Albumin Serum <i>Bromocresol Green Colorimetric</i> | 3.76 | g/dL | 3.5 - 5.2 |
| Globulin <i>Calculated</i> | 3.24 | g/dL | 2.3 - 3.4 |
| Albumin Globulin Ratio <i>Calculated</i> | 1.16 | | 0.9 - 3.1 |



Bhatt

DR. TEJAL BHATT
MD PATHOLOGIST
REG. NO. G-15154



TEST REPORT

Name : **Nilam Santosh Kalgude**
Lab ID : **4100100446**
Age / Sex : 31 Years / Female
Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 09:18
Reported on : 26-Oct-2024 15:46
Sample Type : Stool

Mediwheel health package below 40- female
Stool Routine Examination

| Parameters | Result | Unit | Biological Reference Interval |
|----------------|--------|-----------|-------------------------------|
| Blood | Absent | | Absent |
| Macrophages | absent | cells/HPF | Occasional |
| Fat Globules | Absent | cells/HPF | Occasional |
| Vegetable cell | Absent | | occasional |
| Ova (Eggs) | Absent | | |
| Cyst | Absent | | |
| Trophozoites | Absent | | |
| Organism | Absent | | |

----- End Of Report -----




TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : |
| Reference | : | Sample Type | : |
| Client | : Velocity Hospital | | |

Abnormal Result(s) Summary

| Test Name | Result Value | Unit | Reference Range |
|--|---|-----------|--|
| Complete Blood Count with ESR (CBC-ESR) | | | |
| MCV | 77.6 | fL | 80.0 - 100.0 |
| MCH | 24.3 | pg | 27.0 - 32.0 |
| MCHC | 31.4 | g/dL | 31.5 - 34.5 |
| RDW CV | 14.5 | % | 11.6 - 14.0 |
| PDW | 17.4 | fL | 9.6 - 15.2 |
| RBC Morphology | Microcytosis (+), Anisocytosis (+) | | |
| ESR 1st Hour : | 50 | mm/hr | 0 - 20 |
| Urine Routine Examination | | | |
| Blood | Present (++) | | Absent |
| Pus Cells | 6 - 8 | cells/HPF | 0 - 2 |
| Red Blood Cells (RBC) | 35-40 | cells/HPF | Absent |
| Epithelial Cells | 8 - 10 | cells/HPF | 0 - 2 |
| Bacteria | Present (+) | | |
| HbA1c (Glycosylated Hemoglobin) | 6.47 | % | < 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes |
| Mean Whole Blood Glucose | 137.0 | mg/dL | 58 - 122 |
| HDL Cholesterol | 39.65 | mg/dL | <40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease |

Abnormal Result(s) Summary End



TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : EDTA Blood |
| Client | : Velocity Hospital | | |

**Mediwheel health package below 40- female
CBC with ESR**

| Parameters | Result | Unit | Biological Reference Interval |
|--|---------------|------------|-------------------------------|
| <u>Haemoglobin and RBC Indices</u> | | | |
| Haemoglobin (Hb) | 12.0 | g/dL | 11.7 - 15.5 |
| RBC Count | 4.92 | million/uL | 3.8 - 5.1 |
| Hematocrit (HCT) | 38.2 | % | 35.0 - 45.0 |
| MCV | L 77.6 | fL | 80.0 - 100.0 |
| MCH | L 24.3 | pg | 27.0 - 32.0 |
| MCHC | L 31.4 | g/dL | 31.5 - 34.5 |
| RDW CV | H 14.5 | % | 11.6 - 14.0 |
| <u>White Blood Cells and Differential Count</u> | | | |
| Total WBC Count | 8090 | /μL | 4500-11000 |
| Neutrophils | 68 | % | 40-80 |
| Lymphocytes | 28 | % | 20 - 40 |
| Eosinophils | 02 | % | 00-05 |
| Monocytes | 02 | % | 00-07 |
| Basophils | 00 | % | 00 - 02 |
| <u>Absolute Count</u> | | | |
| Absolute Neutrophil Count | 5501 | /μL | 1800-7700 |
| Absolute Lymphocyte Count | 2265 | /μL | 800-4800 |
| Absolute Eosinophil Count | 162 | /μL | 80 - 500 |
| Absolute Monocyte Count | 162 | /μL | 40-1000 |
| Absolute Basophil Count | 0 | /μL | < 100 |
| GLR/NLR | 2.4 | | |
| <u>Platelets Count and Morphology</u> | | | |
| Platelet | 332900 | /μL | 150000 - 450000 |
| MPV | 8.0 | fL | 6.5 - 12.0 |
| PDW | H 17.4 | fL | 9.6 - 15.2 |
| Plateletcrit (PCT) | 0.270 | % | 0.19 - 0.39 |





TEST REPORT

Name : **Nilam Santosh Kalgude** Ward : OPD
Lab ID : **4100100446** Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : EDTA Blood
Client : Velocity Hospital

Mentzer Index 15.8 13 - 100

Smear Morphology

RBC Morphology **Microcytosis (+), Anisocytosis (+)**
WBC Morphology Appear normal, Immature cells are not seen .
Platelets Morphology Platelets are adequate with normal morphology.
Malarial Parasite Not Seen

Erythrocytes Sedimentation Rate

ESR 1st Hour : H 50 mm/hr 0 - 20




DR. TEJAL BHATT
MD PATHOLOGIST
REG. NO. G-15154



TEST REPORT

Name : **Nilam Santosh Kalgude** Ward : OPD
Lab ID : **4100100446** Registration on : 26-Oct-2024 09:18
Age / Sex : 31 Years / Female Reported on : 26-Oct-2024 15:46
Reference : Sample Type : EDTA Blood
Client : Velocity Hospital

**Mediwheel health package below 40- female
Blood Grouping**

| Parameters | Result |
|------------|----------|
| ABO Group | A |
| Rh Type | Positive |



Bhatt
DR. TEJAL BHATT
MD PATHOLOGIST
REG. NO. G-15154


TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : EDTA Blood,Urine |
| Client | : Velocity Hospital | | : Random, Fluoride Plasma |

Mediwheel health package below 40- female

Glycosylate Hemoglobin (HbA1C)

| Parameters | Result | Unit | Biological Reference Interval |
|---|----------------|-------|--|
| HbA1c (Glycosylated Hemoglobin) <i>Immuno turbidimetry</i> | H 6.47 | % | < 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes |
| Mean Whole Blood Glucose | H 137.0 | mg/dL | 58 - 122 |
| <u>Fasting Blood Sugar</u> | | | |
| Fasting Glucose-FBS <i>Hexokinase</i> | 71.1 | mg/dL | 70 - 110 |

Information:

- * HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood glucose control (also called glycemic control)
- * HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of long term glycemic control than blood glucose determination
- * HbA1c is formed by non-enzymatic reaction between glucose and Hb. , this reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
- * Long term complications of diabetes such as retinopathy-eye complications, nephropathy-kidney complications and neuropathy-nerve complications, are potentially serious and can lead to blindness, kidney failure etc.
- * Glycemic control monitored by HbA1c measurement using HPLC method-(Gold Standard) is considered most important. (Ref. National Glycohemoglobin Standardization Program -NGSP).



Bhatt
DR. TEJAL BHATT
 MD PATHOLOGIST
 REG. NO. G-15154



TEST REPORT

Reg. No. : 41000730464 **Reg. Date** : 26-Oct-2024 10:23 **Ref.No** : **Approved On** : 26-Oct-2024 11:20
Name : NILAM SANTOSH KULGUDE **Collected On** : 26-Oct-2024 10:23
Age : 31 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : **Tele No.** :
Location : SPECTRA DIAGNOSTIC @ LP SAVANI ROAD

| Test Name | Results | Units | Bio. Ref. Interval |
|--|---------|--------|--------------------|
| THYROID FUNCTION TEST | | | |
| T3 (triiodothyronine), Total <i>Method:CLIA</i> | 1.17 | ng/mL | 0.6 - 1.81 |
| T4 (Thyroxine), Total <i>Method:CLIA</i> | 7.8 | µg/dL | 4.5 - 12.6 |
| TSH (Ultra Sensitive) <i>Method:CLIA</i> | 1.900 | µIU/mL | 0.55 - 4.78 |

Sample Type: Serum

Comments:

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

----- End Of Report -----

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Test done from collected sample.

Brijesha

Dr. Brijesha Patel
 M.D. Pathology
 Reg. No.: -G-32437

Generated On : 26-Oct-2024 11:26


TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : Serum |
| Client | : Velocity Hospital | | |

Mediwheel health package below 40- female
Lipid Profile

| Parameters | Result | Unit | Biological Reference Interval |
|--|----------------|-------|---|
| Sample | Fasting sample | | |
| Cholesterol Total <i>Enzymatic Colorimetric</i> | 156.6 | mg/dL | <220 : Desirable 220 - 239 : Borderline High >240 : High |
| Triglyceride <i>Enzymatic Colorimetric</i> | 95.34 | mg/dL | <150 : Normal 150 - 199 : Borderline High 200 - 499 :High >500 : Very High |
| HDL Cholesterol <i>Enzymatic Colorimetric</i> | L 39.65 | mg/dL | <40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease |
| VLDL Cholesterol <i>Calculated</i> | 19.07 | mg/dL | < 30 |
| LDL Cholesterol <i>Calculated</i> | 97.88 | mg/dL | < 130 optimal 130 - 159 Borderline high 160 - 189 High > 190 Very High |
| Cholesterol/HDL Ratio : <i>Calculated</i> | 3.95 | | < 3.5 Optimal 3.5 - 5.0 Low Risk > 5.0 High Risk |
| LDL/HDL Ratio : <i>Calculated</i> | 2.47 | | up to 3.5 |
| TOTAL LIPID <i>Calculated</i> | 513.12 | mg/dL | 400 - 1000 mg/dl |




TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : Serum |
| Client | : Velocity Hospital | | |

Mediwheel health package below 40- female
Liver Function Test

| Parameters | Result | Unit | Biological Reference Interval |
|--|--------|-------|-------------------------------|
| Bilirubin Total <i>Diazo Colorimetric</i> | 0.5 | mg/dL | 0.2 - 1.2 |
| Bilirubin Direct <i>Diazo Colorimetric</i> | 0.2 | mg/dL | 0.1 - 0.4 |
| Bilirubin Indirect <i>Calculated</i> | 0.30 | mg/dL | 0.2 - 0.7 |
| Serum Glutamic-Pyruvate Transaminase-SGPT <i>IFCC without pyridoxal phosphate</i> | 12.0 | U/L | 10 - 49 |
| Serum Glutamic-Oxaloacetic Transaminase-SGOT <i>IFCC with pyridoxal-5-phosphate</i> | 14.3 | U/L | 10 - 46 |
| Total Protein Seruma <i>Enzymatic Colorimetric</i> | 7.0 | g/dL | 6.0 - 8.0 |
| Albumin Serum <i>Bromocresol Green Colorimetric</i> | 3.76 | g/dL | 3.5 - 5.2 |
| Globulin <i>Calculated</i> | 3.24 | g/dL | 2.3 - 3.4 |
| Albumin Globulin Ratio <i>Calculated</i> | 1.16 | | 0.9 - 3.1 |
| Alkaline Phosphatase (ALP) <i>Enzymatic Colorimetric</i> | 75.3 | U/L | 35 - 104 |




DR. TEJAL BHATT
 MD PATHOLOGIST
 REG. NO. G-15154


TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : Serum |
| Client | : Velocity Hospital | | |

Mediwheel health package below 40- female
Kidney Function Test

| Parameters | Result | Unit | Biological Reference Interval |
|---|--------|-------|-------------------------------|
| Creatinine Serum <i>Jaffe's kinetic</i> | 0.7 | mg/dL | 0.50 - 1.20 |
| Urea Serum <i>Kinetic with Urease & GLDH</i> | 21.3 | mg/dL | 10 - 50 |
| Blood Urea Nitrogen (BUN) <i>Calculated</i> | 9.95 | mg/dL | 6 - 20 |
| BUN Creatinine Ratio <i>Calculated</i> | 14.21 | | 10 - 20 |
| Uric Acid Serum <i>Enzymatic Colorimetric</i> | 3.48 | mg/dL | 2.6 - 6.0 |
| Total Protein Seruma <i>Enzymatic Colorimetric</i> | 7.0 | g/dL | 6.0 - 8.0 |
| Albumin Serum <i>Bromocresol Green Colorimetric</i> | 3.76 | g/dL | 3.5 - 5.2 |
| Globulin <i>Calculated</i> | 3.24 | g/dL | 2.3 - 3.4 |
| Albumin Globulin Ratio <i>Calculated</i> | 1.16 | | 0.9 - 3.1 |




TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : Urine Random |
| Client | : Velocity Hospital | | |

Mediwheel health package below 40- female
Urine examination Routine
Method : Dipstick and Microscopy

| Parameters | Result | Unit | Biological Reference Interval |
|---------------------------------------|---------------------|------------------|-------------------------------|
| <u>Physical Examination</u> | | | |
| Quantity : | 30 | ml | |
| Colour | Pale Yellow | | Pale Yellow |
| Appearance | Slightly Turbid | | Clear |
| Sediment | Absent | | |
| <u>Chemical Examination</u> | | | |
| Reaction (pH) | Acidic - 5.0 | | 4.6 - 8.0 |
| Specific Gravity : | 1.030 | | 1.003 - 1.030 |
| Protein Urine: | Absent | | Absent |
| Glucose Urine | Absent | | Absent |
| Bile Salts | Absent | | Absent |
| Urine - Bile Pigment | Absent | | Absent |
| Urine Ketone | Trace | | Absent |
| Blood | Present (++) | | Absent |
| Urobilinogen | Absent | | 0.1 - 1.0 |
| Leucocyte esterase | Absent | | |
| <u>Microscopic Examination</u> | | | |
| Pus Cells | 6 - 8 | cells/HPF | 0 - 2 |
| Red Blood Cells (RBC) | 35-40 | cells/HPF | Absent |
| Epithelial Cells | 8 - 10 | cells/HPF | 0 - 2 |
| Casts | Absent | | Absent |
| Crystals | Absent | | Absent |
| Amorphous Material | Absent | | |
| Bacteria | Present (+) | | |
| Yeast | Absent | | |




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TEST REPORT

| | | | |
|-----------|-------------------------|-----------------|---------------------|
| Name | : Nilam Santosh Kalgude | Ward | : OPD |
| Lab ID | : 4100100446 | Registration on | : 26-Oct-2024 09:18 |
| Age / Sex | : 31 Years / Female | Reported on | : 26-Oct-2024 15:46 |
| Reference | : | Sample Type | : Stool |
| Client | : Velocity Hospital | | |

**Mediwheel health package below 40- female
 Stool Routine Examination**

| Parameters | Result | Unit | Biological Reference Interval |
|----------------|--------|-----------|-------------------------------|
| Blood | Absent | | Absent |
| Macrophages | absent | cells/HPF | Occasional |
| Fat Globules | Absent | cells/HPF | Occasional |
| Vegetable cell | Absent | | occasional |
| Ova (Eggs) | Absent | | |
| Cyst | Absent | | |
| Trophozoites | Absent | | |
| Organism | Absent | | |

----- End Of Report -----




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