



TEST REPORT

Name : Mamta Vinay Maurya
Lab ID : 4100100451
Age / Sex : 33 Years / Female
Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 10:25
Reported on :
Sample Type :

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Complete Blood Count with ESR (CBC-ESR)			
Haemoglobin (Hb)	9.8	g/dL	11.7 - 15.5
Hematocrit (HCT)	32.4	%	35.0 - 45.0
MCV	79.2	fL	80.0 - 100.0
MCH	24.0	pg	27.0 - 32.0
MCHC	30.3	g/dL	31.5 - 34.5
PDW	19.3	fL	9.6 - 15.2
RBC Morphology	Hypochromia (+), Microcytosis (+), Anisocytosis (+)		
ESR 1st Hour :	51	mm/hr	0 - 20
TOTAL LIPID	285.14	mg/dL	400 - 1000 mg/dl
Globulin	3.91	g/dL	2.3 - 3.4
Globulin	3.91	g/dL	2.3 - 3.4

Abnormal Result(s) Summary End





TEST REPORT

Name : **Mamta Vinay Maurya** Ward : OPD
 Lab ID : **4100100451** Registration on : 26-Oct-2024 10:25
 Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
 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)	L 9.8	g/dL	11.7 - 15.5
RBC Count	4.09	million/uL	3.8 - 5.1
Hematocrit (HCT)	L 32.4	%	35.0 - 45.0
MCV	L 79.2	fL	80.0 - 100.0
MCH	L 24.0	pg	27.0 - 32.0
MCHC	L 30.3	g/dL	31.5 - 34.5
RDW CV	13.6	%	11.6 - 14.0
<u>White Blood Cells and Differential Count</u>			
Total WBC Count	5940	/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	4039	/μL	1800-7700
Absolute Lymphocyte Count	1663	/μL	800-4800
Absolute Eosinophil Count	119	/μL	80 - 500
Absolute Monocyte Count	119	/μL	40-1000
Absolute Basophil Count	0	/μL	< 100
GLR/NLR	2.4		
<u>Platelets Count and Morphology</u>			
Platelet	307300	/μL	150000 - 450000
MPV	10.1	fL	6.5 - 12.0
PDW	H 19.3	fL	9.6 - 15.2
Plateletcrit (PCT)	0.310	%	0.19 - 0.39



Bhatt

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



TEST REPORT

Name : **Mamta Vinay Maurya**
Lab ID : **4100100451**
Age / Sex : 33 Years / Female
Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 10:25
Reported on : 26-Oct-2024 15:37
Sample Type : EDTA Blood

Mediwheel health package below 40- female Blood Grouping

Parameters	Result
ABO Group	A
Rh Type	Positive



Bhatt



TEST REPORT

Name : Mamta Vinay Maurya Ward : OPD
Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25
Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
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>	5.29	%	< 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes
Mean Whole Blood Glucose	99.3	mg/dL	58 - 122
Fasting Blood Sugar			
Fasting Glucose-FBS <i>Hexokinase</i>	75.1	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 a much 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

Name : Mamta Vinay Maurya Ward : OPD
Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25
Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
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>	0.4	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>	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT <i>IFCC without pyridoxal phosphate</i>	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase-SGOT <i>IFCC with pyridoxal-5-phosphate</i>	21.3	U/L	10 - 46
Total Protein Seruma <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio <i>Calculated</i>	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP) <i>Enzymatic Colorimetric</i>	79.8	U/L	35 - 104



Bhatt



TEST REPORT

Name : Mamta Vinay Maurya Ward : OPD
Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25
Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
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>	24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN) <i>Calculated</i>	11.54	mg/dL	6 - 20
BUN Creatinine Ratio <i>Calculated</i>	16.49		10 - 20
Uric Acid Serum <i>Enzymatic Colorimetric</i>	4.48	mg/dL	2.6 - 6.0
Total Protein Serum <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
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Age / Sex : 33 Years / Female
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Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 10:25
Reported on : 26-Oct-2024 15:37
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 -----



Bhatt



MC-2679



TEST REPORT

Reg. No. : 41000730578 **Reg. Date** : 26-Oct-2024 12:51 **Ref.No** : **Approved On** : 26-Oct-2024 15:03
Name : MAMTA VINAY MAURYA **Collected On** : 26-Oct-2024 12:51
Age : 33 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>	0.96	ng/mL	0.6 - 1.81
T4 (Thyroxine), Total <i>Method:CLIA</i>	7.5	µg/dL	4.5 - 12.6
TSH (Ultra Sensitive) <i>Method:CLIA</i>	3.324	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.

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

Generated On : 26-Oct-2024 15:09



TEST REPORT

Name : Mamta Vinay Maurya
Lab ID : 4100100451
Age / Sex : 33 Years / Female
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Ward : OPD
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Reported on :
Sample Type :

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Test Name	Result Value	Unit	Reference Range
Complete Blood Count with ESR (CBC-ESR)			
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TOTAL LIPID	285.14	mg/dL	400 - 1000 mg/dl
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Abnormal Result(s) Summary End





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 Lab ID : **4100100451** Registration on : 26-Oct-2024 10:25
 Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
 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)	L 9.8	g/dL	11.7 - 15.5
RBC Count	4.09	million/uL	3.8 - 5.1
Hematocrit (HCT)	L 32.4	%	35.0 - 45.0
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Lymphocytes	28	%	20 - 40
Eosinophils	02	%	00-05
Monocytes	02	%	00-07
Basophils	00	%	00 - 02
<u>Absolute Count</u>			
Absolute Neutrophil Count	4039	/μL	1800-7700
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Platelet	307300	/μL	150000 - 450000
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PDW	H 19.3	fL	9.6 - 15.2
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DR. TEJAL BHATT
 MD PATHOLOGIST
 REG. NO. G-15154



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Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 10:25
Reported on : 26-Oct-2024 15:37
Sample Type : EDTA Blood

Mediwheel health package below 40- female Blood Grouping

Parameters	Result
ABO Group	A
Rh Type	Positive



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Name : Mamta Vinay Maurya Ward : OPD
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Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
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>	5.29	%	< 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes
Mean Whole Blood Glucose	99.3	mg/dL	58 - 122
Fasting Blood Sugar			
Fasting Glucose-FBS <i>Hexokinase</i>	75.1	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 a much 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).



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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>	0.4	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>	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT <i>IFCC without pyridoxal phosphate</i>	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase-SGOT <i>IFCC with pyridoxal-5-phosphate</i>	21.3	U/L	10 - 46
Total Protein Seruma <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio <i>Calculated</i>	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP) <i>Enzymatic Colorimetric</i>	79.8	U/L	35 - 104



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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>	24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN) <i>Calculated</i>	11.54	mg/dL	6 - 20
BUN Creatinine Ratio <i>Calculated</i>	16.49		10 - 20
Uric Acid Serum <i>Enzymatic Colorimetric</i>	4.48	mg/dL	2.6 - 6.0
Total Protein Serum <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio <i>Calculated</i>	0.92		0.9 - 3.1



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Name	: Mamta Vinay Maurya	Ward	: OPD
Lab ID	: 4100100451	Registration on	: 26-Oct-2024 10:25
Age / Sex	: 33 Years / Female	Reported on	: 26-Oct-2024 15:37
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 :	5	ml	
Colour	Pale Yellow		Pale Yellow
Appearance	Clear		Clear
Sediment	Absent		
<u>Chemical Examination</u>			
Reaction (pH)	Acidic - 6.0		4.6 - 8.0
Specific Gravity :	1.015		1.003 - 1.030
Protein Urine:	Absent		Absent
Glucose Urine	Absent		Absent
Bile Salts	Absent		Absent
Urine - Bile Pigment	Absent		Absent
Urine Ketone	Absent		Absent
Blood	Absent		Absent
Urobilinogen	Absent		0.1 - 1.0
Leucocyte esterase	Absent		
<u>Microscopic Examination</u>			
Pus Cells	Occasional	cells/HPF	0 - 2
Red Blood Cells (RBC)	Absent	cells/HPF	Absent
Epithelial Cells	Occasional	cells/HPF	0 - 2
Casts	Absent		Absent
Crystals	Absent		Absent
Bacteria	Absent		
Yeast	Absent		



Bhatt

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



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Age / Sex : 33 Years / Female
Reference :
Client : Velocity Hospital

Ward : OPD
Registration on : 26-Oct-2024 10:25
Reported on : 26-Oct-2024 15:37
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 -----



Bhatt



MC-2679



TEST REPORT

Reg. No. : 41000730578 **Reg. Date** : 26-Oct-2024 12:51 **Ref.No** : **Approved On** : 26-Oct-2024 15:03
Name : MAMTA VINAY MAURYA **Collected On** : 26-Oct-2024 12:51
Age : 33 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>	0.96	ng/mL	0.6 - 1.81
T4 (Thyroxine), Total <i>Method:CLIA</i>	7.5	µg/dL	4.5 - 12.6
TSH (Ultra Sensitive) <i>Method:CLIA</i>	3.324	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.

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

Generated On : 26-Oct-2024 15:09


TEST REPORT

Name	: Mamta Vinay Maurya	Ward	: OPD
Lab ID	: 4100100451	Registration on	: 26-Oct-2024 10:25
Age / Sex	: 33 Years / Female	Reported on	:
Reference	:	Sample Type	:
Client	: Velocity Hospital		

Abnormal Result(s) Summary

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Complete Blood Count with ESR (CBC-ESR)			
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MCHC	30.3	g/dL	31.5 - 34.5
PDW	19.3	fL	9.6 - 15.2
RBC Morphology	Hypochromia (+), Microcytosis (+), Anisocytosis (+)		
ESR 1st Hour :	51	mm/hr	0 - 20
TOTAL LIPID	285.14	mg/dL	400 - 1000 mg/dl
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Abnormal Result(s) Summary End





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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)	L 9.8	g/dL	11.7 - 15.5
RBC Count	4.09	million/uL	3.8 - 5.1
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MCHC	L 30.3	g/dL	31.5 - 34.5
RDW CV	13.6	%	11.6 - 14.0
White Blood Cells and Differential Count			
Total WBC Count	5940	/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	4039	/μL	1800-7700
Absolute Lymphocyte Count	1663	/μL	800-4800
Absolute Eosinophil Count	119	/μL	80 - 500
Absolute Monocyte Count	119	/μL	40-1000
Absolute Basophil Count	0	/μL	< 100
GLR/NLR	2.4		
Platelets Count and Morphology			
Platelet	307300	/μL	150000 - 450000
MPV	10.1	fL	6.5 - 12.0
PDW	H 19.3	fL	9.6 - 15.2
Plateletcrit (PCT)	0.310	%	0.19 - 0.39



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



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Sample Type : EDTA Blood

Mentzer Index 19.4 13 - 100

Smear Morphology

RBC Morphology **Hypochromia (+), 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 51 mm/hr 0 - 20




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TEST REPORT

Name : **Mamta Vinay Maurya** Ward : OPD
Lab ID : **4100100451** Registration on : 26-Oct-2024 10:25
Age / Sex : 33 Years / Female Reported on : 26-Oct-2024 15:37
Reference : Sample Type : EDTA Blood
Client : Velocity Hospital

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

Parameters	Result
ABO Group	A
Rh Type	Positive




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Age / Sex	: 33 Years / Female	Reported on	: 26-Oct-2024 15:37
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>	5.29	%	< 6.0 : Normal 6.0 - 6.4 : Pre Diabetes > 6.5 : Diabetes
Mean Whole Blood Glucose	99.3	mg/dL	58 - 122
<u>Fasting Blood Sugar</u>			
Fasting Glucose-FBS <i>Hexokinase</i>	75.1	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).



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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>	72.9	mg/dL	<220 : Desirable 220 - 239 : Borderline High >240 : High
Triglyceride <i>Enzymatic Colorimetric</i>	57.36	mg/dL	<150 : Normal 150 - 199 : Borderline High 200 - 499 : High >500 : Very High
HDL Cholesterol <i>Enzymatic Colorimetric</i>	48.52	mg/dL	<40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease
VLDL Cholesterol <i>Calculated</i>	11.47	mg/dL	< 30
LDL Cholesterol <i>Calculated</i>	12.91	mg/dL	< 130 optimal 130 - 159 Borderline high 160 - 189 High > 190 Very High
Cholesterol/HDL Ratio : <i>Calculated</i>	1.50		< 3.5 Optimal 3.5 - 5.0 Low Risk > 5.0 High Risk
LDL/HDL Ratio : <i>Calculated</i>	0.27		up to 3.5
TOTAL LIPID <i>Calculated</i>	L 285.14	mg/dL	400 - 1000 mg/dl



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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>	0.4	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>	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT <i>IFCC without pyridoxal phosphate</i>	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase-SGOT <i>IFCC with pyridoxal-5-phosphate</i>	21.3	U/L	10 - 46
Total Protein Seruma <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio <i>Calculated</i>	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP) <i>Enzymatic Colorimetric</i>	79.8	U/L	35 - 104




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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>	24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN) <i>Calculated</i>	11.54	mg/dL	6 - 20
BUN Creatinine Ratio <i>Calculated</i>	16.49		10 - 20
Uric Acid Serum <i>Enzymatic Colorimetric</i>	4.48	mg/dL	2.6 - 6.0
Total Protein Seruma <i>Enzymatic Colorimetric</i>	7.5	g/dL	6.0 - 8.0
Albumin Serum <i>Bromocresol Green Colorimetric</i>	3.59	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio <i>Calculated</i>	0.92		0.9 - 3.1




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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 :	5	ml	
Colour	Pale Yellow		Pale Yellow
Appearance	Clear		Clear
Sediment	Absent		
<u>Chemical Examination</u>			
Reaction (pH)	Acidic - 6.0		4.6 - 8.0
Specific Gravity :	1.015		1.003 - 1.030
Protein Urine:	Absent		Absent
Glucose Urine	Absent		Absent
Bile Salts	Absent		Absent
Urine - Bile Pigment	Absent		Absent
Urine Ketone	Absent		Absent
Blood	Absent		Absent
Urobilinogen	Absent		0.1 - 1.0
Leucocyte esterase	Absent		
<u>Microscopic Examination</u>			
Pus Cells	Occasional	cells/HPF	0 - 2
Red Blood Cells (RBC)	Absent	cells/HPF	Absent
Epithelial Cells	Occasional	cells/HPF	0 - 2
Casts	Absent		Absent
Crystals	Absent		Absent
Bacteria	Absent		
Yeast	Absent		




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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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