Lab ID

TEST REPORT

Name : Mamta Vinay Maurya

: 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 wit	th 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 (+), Microcy (+), Anisocytosis (+)	tosis		
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







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 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
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
White Blood Cells and Differentia	al 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





Page 2 of 11

Ward

: OPD

Name : Mamta Vinay Maurya

 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

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









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









Name : Mamta Vinay Maurya

Ward : OPD

: 4100100451 Lab ID 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

Random, Fluoride Plasma Client : Velocity Hospital

Mediwheel health package below 40- female

Glycosylate Hemoglobin (HbA1C)

Parameters	Result	Unit	Biological Reference Interval
HbA1c (Glycosylated Hemoglobin)	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 Hexokinase	75.1	mg/dL	70 - 110

Information:

control (also called glycemic control)

term glycemic control than blood glucose determination







^{*} HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood

^{*} HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of

^{*} 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).



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 : Serum

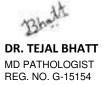
Mediwheel health package below 40- female

Lipid Profile

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









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 : Serum

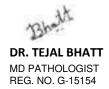
Mediwheel health package below 40- female

Liver Function Test

Parameters	Result	Unit	Biological Reference Interval
Bilirubin Total Diazo Colorimetric	0.4	mg/dL	0.2 - 1.2
Bilirubin Direct Diazo Colorimetric	0.2	mg/dL	0.1 - 0.4
Bilirubin Indirect	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT IFCC without pyridoxal phosphate	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase- IFCC with pyridoxal-5-phosphate SGOT	21.3	U/L	10 - 46
Total Protein Seruma Enzymatic Colorimetric	7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric	3.59	g/dL	3.5 - 5.2
Globulin Calculated	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP)	79.8	U/L	35 - 104









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 : Serum

Mediwheel health package below 40- female

Kidney Function Test

Parameters	Result	Unit	Biological Reference Interval
Creatinine Serum	0.7	mg/dL	0.50 - 1.20
Urea Serum Kinetic with Urease & GLDH	24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN)	11.54	mg/dL	6 - 20
BUN Creatinine Ratio	16.49		10 - 20
Uric Acid Serum Enzymatic Colorimetric	4.48	mg/dL	2.6 - 6.0
Total Protein Seruma Enzymatic Colorimetric	7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric	3.59	g/dL	3.5 - 5.2
Globulin Calculated	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio	0.92		0.9 - 3.1









: OPD

: Mamta Vinay Maurya Name

Ward : 4100100451 Lab ID

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
Physical Examination			_
Quantity :	5	ml	
Colour	Pale Yellow		Pale Yellow
Appearance	Clear		Clear
Sediment	Absent		
Chemical Examination			
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		
Microscopic Examination			
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		









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 : 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		











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 Method:CLIA	0.96	ng/mL	0.6 - 1.81	
T4 (Thyroxine),Total Method:CLIA	7.5	μg/dL	4.5 - 12.6	
TSH (Ultra Sensitive) Method:CLIA	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-relasing 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

Referance: Carl A.Burtis, Edward R.Ashwood, David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Eddition. Philadelphia: WB Sounders, 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.

Generated On: 26-Oct-2024 15:09

Page 11 of 11

Dr. Brilesha Patel

Lab ID

TEST REPORT

Name : Mamta Vinay Maurya

: 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 wit	th 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 (+), Microcy (+), Anisocytosis (+)	tosis		
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







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 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
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
White Blood Cells and Differentia	al 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





Page 2 of 11

Ward

: OPD

Name : Mamta Vinay Maurya

 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

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









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









Name : Mamta Vinay Maurya

Ward : OPD

: 4100100451 Lab ID 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

Random, Fluoride Plasma Client : Velocity Hospital

Mediwheel health package below 40- female

Glycosylate Hemoglobin (HbA1C)

Parameters	Result	Unit	Biological Reference Interval
HbA1c (Glycosylated Hemoglobin)	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 Hexokinase	75.1	mg/dL	70 - 110

Information:

control (also called glycemic control)

term glycemic control than blood glucose determination







^{*} HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood

^{*} HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of

^{*} 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).



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 : Serum

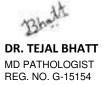
Mediwheel health package below 40- female

Lipid Profile

Parameters	Result	Unit	Biological Reference Interval
Sample	Fasting sample	9	
Cholesterol Total Enzymatic Colorimetric	72.9	mg/dL	<220 : Desirable 220 - 239 : Borderline High >240 : High
Triglyceride Enzymatic Colorimetric	57.36	mg/dL	<150 : Normal 150 - 199 : Borderline High 200 - 499 :High >500 : Very High
HDL Cholesterol Enzymatic Colorimetric	48.52	mg/dL	<40 : Major Risk Factor 40-59 : Normal >60 : Considered protective against heart disease
VLDL Cholesterol Calculated	11.47	mg/dL	< 30
LDL Cholesterol Calculated	12.91	mg/dL	< 130 optimal 130 - 159 Borderline high 160 - 189 High > 190 Very High
Cholesterol/HDL Ratio :	1.50		< 3.5 Optimal 3.5 - 5.0 Low Risk > 5.0 High Risk
LDL/HDL Ratio :	0.27		up to 3.5
TOTAL LIPID Calculated	L 285.14	mg/dL	400 - 1000 mg/dl









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 : Serum

Mediwheel health package below 40- female

Liver Function Test

Parameters	Result	Unit	Biological Reference Interval
Bilirubin Total Diazo Colorimetric	0.4	mg/dL	0.2 - 1.2
Bilirubin Direct Diazo Colorimetric	0.2	mg/dL	0.1 - 0.4
Bilirubin Indirect	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT IFCC without pyridoxal phosphate	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase- IFCC with pyridoxal-5-phosphate SGOT	21.3	U/L	10 - 46
Total Protein Seruma Enzymatic Colorimetric	7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric	3.59	g/dL	3.5 - 5.2
Globulin Calculated	3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP) Enzymatic Colorimetric	79.8	U/L	35 - 104









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 : Serum

Mediwheel health package below 40- female

Kidney Function Test

Parameters	Result	Unit	Biological Reference Interval
Creatinine Serum	0.7	mg/dL	0.50 - 1.20
Urea Serum Kinetic with Urease & GLDH	24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN)	11.54	mg/dL	6 - 20
BUN Creatinine Ratio	16.49		10 - 20
Uric Acid Serum Enzymatic Colorimetric	4.48	mg/dL	2.6 - 6.0
Total Protein Seruma Enzymatic Colorimetric	7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric	3.59	g/dL	3.5 - 5.2
Globulin Calculated	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio	0.92		0.9 - 3.1









: OPD

: Mamta Vinay Maurya Name

Ward : 4100100451 Lab ID

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
Physical Examination			_
Quantity :	5	ml	
Colour	Pale Yellow		Pale Yellow
Appearance	Clear		Clear
Sediment	Absent		
Chemical Examination			
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		
Microscopic Examination			
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		









: Mamta Vinay Maurya Name

: 4100100451 Lab ID

: 33 Years / Female Age / Sex

Reference

Client : Velocity Hospital Ward : OPD

Registration on : 26-Oct-2024 10:25

Reported on : 26-Oct-2024 15:37

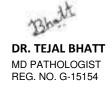
Sample Type : Stool

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		











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 Method:CLIA	0.96	ng/mL	0.6 - 1.81	
T4 (Thyroxine),Total Method:CLIA	7.5	μg/dL	4.5 - 12.6	
TSH (Ultra Sensitive) Method:CLIA	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-relasing 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

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

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

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Test done from collected sample.

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



Name : Mamta Vinay Maurya Ward : OPD

Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25

Age / Sex: 33 Years / FemaleReported on:Reference:Sample Type:

Client : Velocity Hospital

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range	
Complete Blood Count wit	h 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	<mark>27.0</mark> - 32.0	
MCHC	30.3	g/dL	31.5 - 34.5	
PDW	19.3	fL	9.6 - 15.2	
RBC Morphology	Hypochromia (+), Micro (+), Anisocytosis (+)	ocytosis		
ESR 1st Hour:	51	mm/hr	0 - 20	
TOTAL LIPID	285.14	mg/dL	400 - 1000 mg/dl	
Globulin	3.91	g/dL	<mark>2.3</mark> - 3.4	
Globulin	3.91	g/dL	2.3 - 3.4	

Abnormal Result(s) Summary End







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

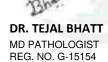
Mediwheel health package below 40- female CBC with ESR

Parameters	Result	Unit	Biological Reference Interval
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
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
White Blood Cells and Differentia	al 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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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

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









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

TEST REPORT

Reference : Sample Type : EDTA Blood

Client : Velocity Hospital

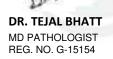
Mediwheel health package below 40- female Blood Grouping

Parameters	Result	
ABO Group	A	
Rh Type	Positive	











Name : Mamta Vinay Maurya Ward : OPD

Lab ID: 4100100451Registration on: 26-Oct-2024 10:25Age / Sex: 33 Years / FemaleReported on: 26-Oct-2024 15:37Reference:Sample Type: EDTA Blood.Urine

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)	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 Hexokinase	75.1	mg/dL	70 - 110

Information:

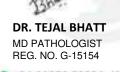
control (also called glycemic control)

term glycemic control than blood glucose determination





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^{*} HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood glucose

^{*} HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of long

^{*} 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).



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

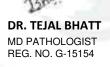
Lipid Profile

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





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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 : Serum

Client : Velocity Hospital

Mediwheel health package below 40- female

Liver Function Test

Parameters	Result	Unit	Biological Reference Interval
Bilirubin Total Diazo Colorimetric	0.4	mg/dL	0.2 - 1.2
Bilirubin Direct Diazo Colorimetric	0.2	mg/dL	0.1 - 0.4
Bilirubin Indirect Calculated	0.20	mg/dL	0.2 - 0.7
Serum Glutamic-Pyruvate Transaminase-SGPT	19.38	U/L	10 - 49
Serum Glutamic-Oxaloacetic Transaminase- IFCC with pyridoxal-5-phosphate SGOT	21.3	U/L	10 - 46
Total Protein Seruma Enzymatic Colorimetric	7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric	3.59	g/dL	3.5 - 5.2
Globulin Calculated	H 3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio	0.92		0.9 - 3.1
Alkaline Phosphatase (ALP)	79.8	U/L	35 - 104









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 Jaffe's kinetic		0.7	mg/dL	0.50 - 1.20
Urea Serum Kinetic with Urease & GLDH		24.7	mg/dL	10 - 50
Blood Urea Nitrogen (BUN)		11.54	mg/dL	6 - 20
BUN Creatinine Ratio		16.49		10 - 20
Uric Acid Serum Enzymatic Colorimetric		4.48	mg/dL	2.6 - 6.0
Total Protein Seruma Enzymatic Colorimetric		7.5	g/dL	6.0 - 8.0
Albumin Serum Bromocresol Green Colorimetric		3.59	g/dL	3.5 - 5.2
Globulin Calculated	Н	3.91	g/dL	2.3 - 3.4
Albumin Globulin Ratio		0.92		0.9 - 3.1









: OPD Name : Mamta Vinay Maurya Ward

Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25 : 33 Years / Female : 26-Oct-2024 15:37 Age / Sex Reported on

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
Physical Examination			
Quantity:	5	ml	
Colour	Pale Yellow		Pale Yellow
Appearance	Clear		Clear
Sediment	Absent		
Chemical Examination			
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		
Microscopic Examination			
Pus Cells	<u>Occasional</u>	cells/HPF	0 - 2
Red Blood Cells (RBC)	Absent	cells/HPF	Absent
Epithelial Cells	<u>Occasional</u>	cells/HPF	0 - 2
Casts	Absent		Absent
Crystals	Absent		Absent
Bacteria	Absent		
Yeast	A <mark>bsent</mark>		





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



: OPD Ward

Name : Mamta Vinay Maurya Lab ID : 4100100451 Registration on : 26-Oct-2024 10:25

Age / Sex : 33 Years / Female : 26-Oct-2024 15:37 Reported on

TEST REPORT

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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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 Method:CLIA	0.96	ng/mL	0.6 - 1.81	
T4 (Thyroxine),Total Method:CLIA	7.5	μg/dL	4.5 - 12.6	
TSH (Ultra Sensitive) Method:CLIA	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-relasing 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

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

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Test done from collected sample.

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Generated On: 26-Oct-2024 15:09

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