



**DEPARTMENT OF LABORATORY MEDICINE**

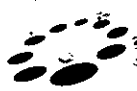
6-1-1068/A/B2, Lakdi-ka-pool, Hyderabad - 500 004.

**CLINICAL BIOCHEMISTRY**

<b>Patient Name</b> : MRS. DEEPALI YADAV	<b>UHID</b> : 8500507436
<b>Age/Gender</b> : 32 Years / Female	
<b>Consultant</b> : Dr.GGH CONSULTANT.	<b>Encounter no</b> : 852308024005
<b>Lab Id</b> : 85232311321	
<b>Request D/T</b> : 02/08/2023 08:41:38	<b>Report Status</b> : FINAL
<b>Collect D/T</b> : 02/08/2023 08:46:56	
<b>Receive D/T</b> : 02/08/2023 10:52:08	
<b>Report D/T</b> : 02/08/2023 12:03:27	
<b>Specimen</b> : BLOOD	
<b>Referral</b> : BANK OF BARODA	

**Mediwheel Full Body Health Check-up - Female (Below 40 Yrs)**

Test	Result	Units	Biological Reference Interval	Methodology
ALT/SGPT Alanine Amino Transferase	33	IU/L	<33	UV with P5P-IFCC
AST/SGOT Aspartate Aminotransferase	26	IU/L	<32	UV with P5P-IFCC
Alkaline Phosphatase, Serum (ALP)	84	IU/L	35-104	PNPP
Bilirubin Total Serum	0.4	mg/dL	0.3-1.2	Diazonium Ion
Bilirubin (Direct), Serum	0.1	mg/dL	<0.3	Diazotization
<b>Protein Total, Serum</b>				
Total Proteins	7.5	gm/dL	6.5-8.5	Biuret method
Albumin, Serum	4.7	gm/dL	3.5-5.2	Bromocresol Green
Globulin	2.8	gm/dL	2.5-3.5	Calculated
Albumin/Globulin (A/G) Ratio	1.68			Calculated
Albumin, Serum	4.7	gm/dL	3.5-5.2	Bromocresol Green
Globulin	2.8	gm/dL	2.5-3.5	Calculated
Creatinine	0.7	mg/dL	0.50-0.90	Alkaline Picrate method
Cholesterol	168	mg/dL	Desirable : <200; Borderline High : 201-239; High : >240	CHO-PAP
Cholesterol HDL, Serum	50	mg/dl	Desirable : >60; Borderline : 40-59; Undesirable : <40	Direct measure
Triglycerides	84	mg/dL	Desirable : <150; 150-199 Borderline Risk; More than 200 High Risk	Enzymatic



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Test	Result	Units	Biological Reference Interval	Methodology
Cholesterol LDL	101.2	mg/dL	Desirable : <100; Near optimal 100-129 ; Borderline High 130-159; High 160-189	Friedewald Formula
Cholesterol VLDL	16.8	mg/dL	Upto: 30	Friedewald Formula
Urea Nitrogen , Blood	12	mg/dL	6-20	Urease
Glycosylated Haemoglobin (HbA1C), Blood	5.2	%	4.0-6.5	Immunoturbidimetry
Urea, Serum	25	mg/dL	16.6-48.5	Urease
TSH Thyroid Stimulating Hormone, Serum	1.83	µIU/mL	0.27-4.20	ECLIA

Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

T4 (Thyroxine), Serum	6.44	æg/dL	5.1-14.1	ECLIA
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Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

T3 (Tri Iodo Thyronine)	1.14	ng/mL	0.8-2.0	ECLIA
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Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

**Electrolytes (Na, K, Cl, Ca), Serum**



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Test	Result	Units	Biological Reference Interval	Methodology
Sodium (Na+), Serum	139	mMol/L	136-145	ISE Indirect
Potassium (K+), Serum	4.8	mMol/L	3.5-5.1	ISE Indirect
Chloride (Cl), Serum	104	mMol/L	98-107	ISE Indirect
Calcium, Serum	9.5	mg/dL	8.6-10.0	BAPTA
FPG : 91 mg/dl				

\*\*\* End of Report \*\*\*

**DR VODALA VINAY KUMAR**  
**CONSULTANT PATHOLOGIST**

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**DEPARTMENT OF LABORATORY MEDICINE**

6-1-1068/A/B2, Lakdi-ka-pool, Hyderabad - 500 004.

**HAEMATOTOLOGY**

<b>Patient Name</b> : MRS. DEEPALI YADAV	<b>UHID</b> : 8500507436
<b>Age/Gender</b> : 32 Years / Female	
<b>Consultant</b> : Dr.GGH CONSULTANT.	<b>Encounter no</b> : 852308024005
<b>Lab Id</b> : 85232405822	
<b>Request D/T</b> : 02/08/2023 08:41:38	<b>Report Status</b> : FINAL
<b>Collect D/T</b> : 02/08/2023 08:46:57	
<b>Receive D/T</b> : 02/08/2023 09:57:36	
<b>Report D/T</b> : 02/08/2023 15:19:23	
<b>Specimen</b> : BLOOD,K2-EDTA Whole Blood	
<b>Referral</b> : BANK OF BARODA	

**HAEMATOTOLOGY**

**Mediwheel Full Body Health Check-up - Female (Below 40 Yrs)**

Test	Result	Units	Biological Reference Interval	Methodology
Haemoglobin Estimation	12.7	g%	M : 13 - 17 / F : 12 - 15	
Peripheral Smear-Examination	Red Blood cells are normocytic normochromic. Leucocytes shows relative lymphocytosis. Platelets are adequate.			Microscopy/Leishmann
Platelet Count	2.46	lakhs/ul	1.5-4.4	Automated- Cell counter
<b>WBC Count (TC &amp; DC)</b>				
Total WBC Count	6170	cells/ul	4500-11000	
<b>DC</b>				
Neutrophils	<b>35 [L]</b>	%	40-75	Microscopy /Leishmann stain
Lymphocytes	28	%	20 - 40	Microscopy / Leishmann stain
Monocytes	05	%	2.0 - 10.0	Microscopy / Leishmann stain
Eosinophils	02	%	1.0 - 6.0	Microscopy /Leishmann stain
Basophils	00	%	0-1	Microscopy / Leishmann stain
<b>TC &amp; DC, Blood</b>				
Total WBC Count	6170	cells/ul	4500-11000	
<b>DC</b>				
Neutrophils	<b>35 [L]</b>	%	40-75	Microscopy /Leishmann stain
Lymphocytes	28	%	20 - 40	Microscopy / Leishmann stain
Monocytes	05	%	2.0 - 10.0	Microscopy / Leishmann stain
Eosinophils	02	%	1.0 - 6.0	Microscopy /Leishmann stain
Basophils	00	%	0-1	Microscopy / Leishmann stain



**HAEMATOLOGY AND CLINICAL PATHOLOGY**

<b>Patient Name</b> : MRS. DEEPALI YADAV	<b>UHID</b> : 8500507436
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<b>Referral</b> : BANK OF BARODA	

Test	Result	Units	Biological Reference Interval	Methodology
Packed Cell Volume (PCV/Haematocrit)	39.1	vol%	36-46	
<b>RBC Count &amp; Red Cell Indices</b>				
Haemoglobin (Hb)	12.7	g%	M : 13 - 17 / F : 12 - 15	Colorimetric
Packed Cell Volume (PCV/Haematocrit)	39.1	vol%	36-46	
MCV	87.7	fl	83-101	Automated- Cell counter
MCH	28.5	pg	27-32	Calculated
MCHC	32.5	g%	31-36	Calculated

**HAEMATOLOGY AND CLINICAL PATHOLOGY**

Mediwheel Full Body Health Check-up - Female (Below 40 Yrs)

Test	Result	Units	Biological Reference Interval	Methodology
RBCs	4.46	mill	4.5-5.5	microscopy

\*\*\* End of Report \*\*\*

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<b>Consultant</b> : Dr.GGH CONSULTANT.	<b>Encounter no</b> : 852308024005
<b>Lab Id</b> : 85232501385	
<b>Request D/T</b> : 02/08/2023 08:41:38	<b>Report Status</b> : FINAL
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<b>Receive D/T</b> : 02/08/2023 09:58:20	
<b>Report D/T</b> : 02/08/2023 10:58:00	
<b>Specimen</b> : urine	
<b>Referral</b> : BANK OF BARODA	

**HAEMATOLOGY AND CLINICAL PATHOLOGY**

Mediwheel Full Body Health Check-up - Female (Below 40 Yrs)

Test	Result	Units	Biological Reference Interval	Methodology
<b>Complete Urine Examination (CUE)</b>				
<b>Gross Examination</b>				
Colour	Pale Yellow		PALE YELLOW	
Appearance	Slightly Hazy		CLEAR	
Specific Gravity	1.015		1.001-1.035	Bromothymol blue
Reaction	Acidic		ALKALINE	
Proteins	Nil		NEGATIVE	Protein errors of indicators
Sugar	Nil		NEGATIVE	Glucose oxidase peroxidase reaction
Ketone Bodies	Negative		NEGATIVE	Acetest tablet test(sodium nitro prusside)
Bile Salts	Negative		NEGATIVE	Diazo reagent
Bile Pigments	Negative		NEGATIVE	Diazo reagent
Urobilinogen	Normal	E units	Normal (0.3 - 1.0)	Para-dimethyl amino benzaldehyde
<b>Microscopic Examination</b>				
Epithelial Cells	8 - 10	/hpf	ABSENT	microscopy
Pus Cells	4 - 6	/hpf	ABSENT	
RBCs	Nil	/hpf	0-5	microscopy
Others	Nil.			

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**HAEMATOTOLOGY AND CLINICAL PATHOLOGY**

Mediwheel Full Body Health Check-up - Female (Below 40 Yrs)

Test	Result	Units	Biological Reference Interval	Methodology
Blood	Negative		NEGATIVE	

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