LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:51 p.m.
Lab Code : 000226024

HEMATOLOGY

Test Description	Value(s)	Reference Range	
CBC - Complete Blood Count			
Hemoglobin (Hb)*	16.1	13 - 17	gm/dL
Method : Cynmeth Photometric Measurement			
Erythrocyte (RBC) Count*	5.30	4.7 - 6.0	mil/cu.mm
Method : Electrical Impedence			
Packed Cell Volume (PCV)*	47.2	42 - 52	%
Method : Calculated			
Mean Cell Volume (MCV)*	88.9	80-100	fL
Method : Electrical Impedence			
Mean Cell Haemoglobin (MCH)*	30.4	27 - 32	pg
Method : Calculated			
Mean Corpuscular Hb Concn. (MCHC)*	34.2	30-35	gm/dL
Method : Calculated			
Total Leucocytes (WBC) Count*	8100	4000-10000	cell/cu.mm
Method : Electrical Impedence			
Neutrophils*	59	40 - 75	%
Method : VCSn Technology			
Lymphocytes*	34	20 - 40	%
Method : VCSn Technology			
Monocytes*	06	2 - 10	%
Method : VCSn Technology			
Eosinophils*	01	1 - 6	%
Method : VCSn Technology			
Basophils*	00	0-1	%
Method : VCSn Technology			
Platelet Count*	2.11	1.50 - 4.50	lakhs/cumm
Method : Electrical Impedence			

Tests done on Automated Five Part Cell Counter. (WBC, RBC,Platelet count by impedance method, colorimetric method for Hemoglobin, WBC differential by flow cytometry using laser technology other parameters are calculated). All Abnormal Haemograms are reviewed confirmed microscopically.

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:51 p.m.
Lab Code : 000226024

HEMATOLOGY

Test Description	Value(s)	Reference Range	
Erythrocyte Sedimentation Rate			
Erythrocyte Sedimentation Rate	05	<15	mm/hr

Method : EDTA Whole blood, modified westerngren

Interpretation:

It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever,. It is also increased in multiple myeloma, hypothyroidism.

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:47 p.m.
Lab Code : 000226024

IMMUNOLOGY

Test Description	Value(s)	Reference Range	
TFT - THYROID FUNCTION TEST			
T3 -Total **Method : (Serum,Clia)**	1.48	Newborn: 0.7-2.0 < 1 Year: 1.0-2.4 1 - 5 Years: 1.0-2.4 6 - 10 Years: 0.9-2.4 11 - 50 Years: 0.7-2.0 > 50 Years: 0.4-1.8 First Trimester: 0.8-1.9 Second Trimester: 1.0-2.6	ng/ml
T4-Total* Method : Serum,CLIA	8.51	Newborn: > 7.5 7 Days - 1 Year: 5.9-13.7 1 - 9 Years: 5.5-10.3 9 - 12 Years: 5.5-9.3 12 - 14 Years: 5.0-8.3 Male 15 - 60 Years: 4.6-10.5 > 60 Years: 5.0-10.7 Female 15 - 60 Years: 5.5-11.0	ug/dL
TSH-Ultrasensitive* **Method : (serum/CLIA)**	1.88	Newborn: < 20 4 Days - 6 Months: 0.7-4.8 6 Months - 4 Years: 0.7-4.2 5 - 20 Years: 0.5-3.4 21 - 54 Years: 0.4-4.2 55 - 87 Years: 0.5-8.9 First Trimester: 0.1-2.5 Second Trimester: 0.2-3.0	µIU/mL
Interpretation			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:49 p.m.
Lab Code : 000226024

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LIPID PROFILE			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	148.0	Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	107.0	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	**33.7**	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	92.90	Optimal: < 100 Near optimal/above optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190	mg/dL
Non - HDL Cholesterol, Serum Method : calculated	114.30	Desirable: < 130 mg/dL Borderline High: 130-159mg/dL High: 160-189 mg/dL Very High: > or = 190 mg/dL	mg/dL
VLDL Cholesterol Method : calculated	21.40	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	4.39	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	2.76	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio
HDL/LDL RATIO Method : calculated	0.36	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio

Note: 8-10 hours fasting sample is required.

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:51 p.m.
Lab Code : 000226024

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Glycosylated Haemoglobin (HbA1c)			
Glyco Hb (HbA1C) Method : EDTA Whole blood,HPLC	5.1	Non-Diabetic: <=5.6 Pre Diabetic:5.7-6.4 Diabetic: >=6.5	%
Estimated Average Glucose :	99.67		mg/dL

Interpretations

1. HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%
2. Low glycated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
3. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.

   Excellent control-6-7 %
   Fair to Good control – 7-8 %
   Unsatisfactory control – 8 to 10 %
   Poor Control – More than 10 %

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:46 p.m.
Lab Code : 000226024

PATHOLOGY

Test Description	Value(s)	Reference Range	
Creatinine, Serum			
Creatinine Method : Serum, Jaffe	0.9	Children(1 yrs - 14 yrs) : 0.30 - 0.70 Adult Male : 0.72 - 1.25 Adult Female : 0.57 - 1.11	mg/dL

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:38 p.m.
Lab Code : 000226024

HEMATOLOGY

Investigations	Result(s)
Blood Group & Rh Typing	
Blood Group Method : Forward and Reverse By Tube Method	"B"
RH Factor	Positive

Methodology

This is done by forward and reverse grouping by tube Agglutination method.

Interpretation

Newborn baby does not produce ABO antibodies until 3 to 6 months of age. So the blood group of the Newborn baby is done by ABO antigen grouping (forward grouping) only, antibody grouping (reverse grouping) is not required.Confirmation of the New-born's blood group is indicatedwhen the A and B antigen expression and the isoagglutinins are fully developed (2–4 years).

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:38 p.m.
Lab Code : 000226024

CLINICAL PATHOLOGY

Test Description	Value(s)	Reference Range	
Urine Complete Analysis			
Volume*	15	-	ml
Colour*	Pale Yellow	Pale Yellow	
Transparency (Appearance)*	Clear	Clear	
Deposit*	Absent	Absent	
Reaction (pH)*	5.5	4.5 - 8	
Specific Gravity*	1.015	1.010 - 1.030	
Chemical Examination (Automated Dipstick Method) Urine			
Urine Glucose (sugar)*	Absent	Absent	
Urine Protein (Albumin)*	Absent	Absent	
Urine Ketones (Acetone)*	Absent	Absent	
Blood*	Absent	Absent	
Bile pigments*	Absent	Absent	
Nitrite*	Absent	Absent	
Urobilinogen*	Normal	Normal	
Microscopic Examination Urine			
Pus Cells (WBCs)*	2-4	0 - 5	/hpf
Epithelial Cells*	2-3	0 - 4	/hpf
Red blood Cells*	Absent	Absent	/hpf
Crystals*	Absent	Absent	
Cast*	Absent	Absent	
Trichomonas Vaginalis*	Absent	Absent	
Yeast Cells*	Absent	Absent	
Amorphous deposits*	Absent	Absent	
Bacteria*	Absent	Absent	

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:52 p.m.
Lab Code : 000226024

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Fasting Glucose- FBS			
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	77	Normal: 70 - 99 Impaired Tolerance: 100-125 Diabetes mellitus: >= 126 (on more than one occassion) (American diabetes association guidelines 2018)	mg/dL
Urine Fasting	Absent		

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:38 p.m.
Lab Code : 000226024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Glucose - Post Prandial(PP)			
Blood Glucose-Post Prandial*	131	70-140	mg/dL
Method : Plasma - P, Hexokinase			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:47 p.m.
Lab Code : 000226024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Urea - Serum			
Urea*	18.1	17 - 43	mg/dL
Method : Urease			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:47 p.m.
Lab Code : 000226024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Blood Urea Nitrogen (BUN)			
UREA*	18.1	17 - 43	mg/dL
Method : Serum,Urease			
BUN*	8.46	Children 1-14yrs: 5.1- 16.8, 14-19yrs: 8.4-21, Adult Male < 50yrs : 8.9-20.6, > 50yrs: 8.4-25.7, Adult Female < 50yrs: 7.0-18.7, > 50yrs: 9.8- 20.1	mg/dL
Method : Serum,Calculated			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:49 p.m.
Lab Code : 000226024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Uric Acid - Serum			
Uric Acid*	7.15	3.5 - 7.2	mg/dL
Method : Uricase, POD			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:48 p.m.
Lab Code : 000226024

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LFT - LIVER FUNCTION TEST			
Bilirubin - Total	0.62	0.3 - 1.2	mg/dL
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.23	0.0 - 0.5	mg/dL
Method : Serum, Diazotization			
Bilirubin - Indirect	0.39	0.1 - 1.0	mg/dL
Method : Serum, Calculated			
SGOT	44.4	<55	U/L
Method : Serum, UV with P5P, IFCC 37 degree			
SGPT	49.9	<55	U/L
Method : Serum, UV with P5P, IFCC 37 degree			
SGOT/SGPT	0.89	0.7 - 1.4	ratio
Method : calculated			
GGT-Gamma Glutamyl Transpeptidae	36.3	< 55	U/L
Method : Serum, G-glutamyl-carboxy-nitoanilide			
Alkaline Phosphatase-ALPI	78.2	30-120	U/L
Method : Serum, PNPP, AMP Buffer, IFCC 37 degree			
Total Protein	7.3	6.4 - 8.3	g/dL
Method : Serum, Biuret, reagent blank end point			
Albumin	4.5	3.5 - 5.2	g/dL
Method : Serum, Bromcresol purple			
Globulin	2.80	2.3 - 3.5	g/dL
Method : Calculated			
A/G Ratio	1.61	1.0 - 1.8	ratio
Method : Calculated			

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

Name : MR. MR. MALEKAR SHASHI KANTH
Age / Gender : 33 years / Male
Sample ID : 3808
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:23 p.m.
Receiving Time : Sep 16, 2024, 03:30 p.m.
Reporting Time : Sep 16, 2024, 03:46 p.m.
Lab Code : 000226024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
PSA - Prostate Specific Antigen(Total)			
PSA	0.643	0-4	ng/ml
Method : CLIA			

Interpretation:
Increased levels are noted in prostate cancer, benign prostatic hypertrophy, prostatitis

END OF REPORT

Dr. Guruprasad
Consultant Pathologist
Kmc 96510