Name	[:] Ms. SUKANYA B	Register On	: 09/12/2023 3:20 PM
PID No.	: MED111990121	Collection On	: 09/12/2023 3:53 PM
SID No.	: 423074627	Report On	: 11/12/2023 3:21 PM
Age / Sex	: 31 Year(s) / Female	Printed On	: 19/12/2023 7:27 PM
Ref. Dr	: MediWheel	OP / IP	: OP

*PAP Smear by LBC(Liquid based Cytology)

PAP Smear by LBC(Liquid based Cytology)

Lab No : GC-2463 /23

Nature of Specimen: Cervical smear

Specimen type : Liquid based preparation

Specimen adequacy : Satisfactory for evaluation

Endocervical / Transformation zone cells : Present

General categorization : Within normal limits

DESCRIPTION : Smear studied shows superficial squamous cells, intermediate cells and parabasal cells in the background of sheets of neutrophils and few lymphocytes.

INTERPRETATION : Negative for intraepithelial lesion or malignancy.

Reactive cellular changes associated with Inflammation.





Name	: Ms. SUKANYA B		
PID No.	: MED111990121	Register On	: 09/12/2023 8:28 AM
SID No.	: 423074459	Collection On	: 09/12/2023 9:34 AM
Age / Sex	: 31 Year(s) / Female	Report On	: 09/12/2023 7:37 PM
Туре	: OP	Printed On	: 11/01/2024 11:56 AM
Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
BLOOD GROUPING AND Rh TYPING	'O' 'Positive'		
(EDTA Blood/Agglutination)			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.7	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	39.3	%	37 - 47
RBC Count (EDTA Blood)	4.63	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	84.8	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	27.4	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	32.3	g/dL	32 - 36
RDW-CV (EDTA Blood)	13.0	%	11.5 - 16.0
RDW-SD (EDTA Blood)	38.58	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	4800	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	48.6	%	40 - 75
Lymphocytes (EDTA Blood)	37.2	%	20 - 45
Eosinophils	6.1	%	01 - 06

(EDTA Blood)







The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
PID No.	: MED111990121	Register On : 09/12/2023 8:28 AM
SID No.	: 423074459	Collection On : 09/12/2023 9:34 AM
Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Monocytes (EDTA Blood)	6.9	%	01 - 10
Basophils (Blood)	1.2	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results a	are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	2.33	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	1.79	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.29	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.33	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood)	0.06	10^3 / µl	< 0.2
Platelet Count (EDTA Blood)	290	10^3 / µl	150 - 450
MPV (EDTA Blood)	9.0	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.26	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	10	mm/hr	< 20
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	85.79	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F/GOD - POD) Negative







Dr.Arjun CP Dr.Arjun CP Reg No Kato S9655 APPROVED BY

The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Glucose Postprandial (PPBS)	61.16	mg/dL	70 - 140
(Plasma - PP/GOD-PAP)			

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN)	5.6	mg/dL	7.0 - 21
(Serum/Urease UV / derived)			
Creatinine	0.46	mg/dL	0.6 - 1.1
(Somm/Modified Laffa)			

(Serum/Modified Jaffe)

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin ,cefazolin, ACE inhibitors ,angiotensin II receptor antagonists,N-acetylcyteine , chemotherapeutic agent such as flucytosine etc.

Uric Acid (Serum/ <i>Enzymatic</i>)	3.51	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.24	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.21	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.03	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	15.83	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/ <i>Modified IFCC)</i>	9.92	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	11.78	U/L	< 38







The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	64.1	U/L	42 - 98
Total Protein (Serum/Biuret)	6.91	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.28	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.63	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.63		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	150.30	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	46.41	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >=500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the `usual_ circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	48.64	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
	MC-5606		Dr.Arjun C.P Brown C. S 9655 APPROVED BY

The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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SID No.	: 423074459	Collection On : 09/12/2023 9:34 AM
Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
LDL Cholesterol (Serum/Calculated)	92.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	9.3	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	101.7	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is ε co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio (Serum/ <i>Calculated</i>)	3.1	Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	1	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	1.9	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)







The results pertain to sample tested.

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Name	: Ms. SUKANYA B			
PID No.	: MED111990121	Register On :	09/12/2023 8:28 AM	
SID No.	: 423074459	Collection On :	09/12/2023 9:34 AM	
Age / Sex	: 31 Year(s) / Female	Report On :	09/12/2023 7:37 PM	
Туре	: OP	Printed On :	11/01/2024 11:56 AM	
Ref. Dr	: MediWheel			
Investiga	tion	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
HbA1C (Whole Blo	od/HPLC)	5.4	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
INTERPR	ETATION: If Diabetes - Good cont	rol : 6.1 - 7.0 % , Fair	control : 7.1 - 8.0 % , Poor co	ontrol >= 8.1 %
	l Average Glucose	108.28	mg/dL	
HbA1c pro control as c Conditions hypertrigly Conditions	compared to blood and urinary gluco that prolong RBC life span like Iron ceridemia,hyperbilirubinemia,Drugs	se determinations. deficiency anemia, V , Alcohol, Lead Poiso e or chronic blood loss	vitamin B12 & Folate deficien ning, Asplenia can give falsel s, hemolytic anemia, Hemoglo	
THYROI	D PROFILE / TFT			
T3 (Triio (Serum/EC	dothyronine) - Total LIA)	1.48	ng/ml	0.7 - 2.04
Comment	ariation can be seen in other condition	n like pregnancy, drug	gs, nephrosis etc. In such case	s, Free T3 is recommended as it is
	xine) - Total	10.61	µg/dl	4.2 - 12.0
INTERPR Comment	ETATION: : ariation can be seen in other condition	n like pregnancy, druş	gs, nephrosis etc. In such case	s, Free T4 is recommended as it is
TSH (Thy (Serum/EC	yroid Stimulating Hormone) LIA)	3.47	µIU/mL	0.35 - 5.50
		MC-5606		DF.A.Jun CP DF.A.Jun CP Reg Not Kit S 9655 APPROVED BY

The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
INTERPRETATION: Reference range for cord blood - upto 20			

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0 (Indian Thyroid Society Guidelines)

Comment:

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI. 2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3. Values&lt,0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

<u>PHYSICAL EXAMINATION (URINE</u> <u>COMPLETE)</u>

Colour (Urine)	Yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	25	
<u>CHEMICAL EXAMINATION</u> <u>COMPLETE)</u>	<u>(URINE</u>	
pH (Urine)	5.5	4.5 - 8.0
Specific Gravity (Urine)	1.010	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal
Blood (Urine)	Negative	Negative







The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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Age / Sex	: 31 Year(s) / Female	Report On : 09/12/2023 7:37 PM
Туре	: OP	Printed On : 11/01/2024 11:56 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Nitrite (Urine)	Negative		Negative
Bilirubin (Urine)	Negative		Negative
Protein (Urine)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine) <u>MICROSCOPIC EXAMINATION</u> (URINE COMPLETE)	Negative		
Pus Cells (Urine)	0-1	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	NIL
RBCs (Urine)	NIL	/hpf	NIL
Others (Urine)	NIL		

INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.

Casts (Urine)	NIL	/hpf	NIL
Crystals (Urine)	NIL	/hpf	NIL







The results pertain to sample tested.

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Name	: Ms. SUKANYA B		
PID No.	: MED111990121	Register On	: 09/12/2023 8:28 AM
SID No.	: 423074459	Collection On	: 09/12/2023 9:34 AM
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Ref. Dr	: MediWheel		

Investigation

BUN / Creatinine Ratio

Observed Unit Value Biological Reference Interval 6.0 - 22.0





The results pertain to sample tested.

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Name	: Ms. SUKANYA B	
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Investigation

<u>Observed</u> <u>Value</u> Biological Reference Interval

URINE ROUTINE



<u>Unit</u>



-- End of Report --

The results pertain to sample tested.

Name	MS.SUKANYA B	ID	MED111990121
Age & Gender	31Y/FEMALE	Visit Date	09 Dec 2023
Ref Doctor Name	MediWheel		

2 D ECHOCARDIOGRAPHIC STUDY

M mode measurement:

AORTA			: 2.7cms
LEFT ATRIUM			: 2.4cms
AVS			:
LEFT VENTRICLE	(DIASTOLE))	: 4.1cms
(SYS	TOLE)	: 2.7cm	ns
VENTRICULAR SEPTUM	(DIASTOLE)		: 0.8cms
(SYS	TOLE)	: 1.1cr	ns
POSTERIOR WALL	(DIASTOLE)		: 0.8cms
(SYS [*]	FOLE)	: 1.3cr	ns
EDV			: 74ml
ESV			: 27ml
FRACTIONAL SHORTENI	NG		: 34%
EJECTION FRACTION			: 63%
EPSS			:
RVID			: 1.9cms

DOPPLER MEASUREMENTS:

MITRAL VALVE	: E' 1.05 m/s	A' 0.54 m/s	NO MR
AORTIC VALVE	: 0.88 m/s		NO AR
TRICUSPID VALVE	: E' - m/s	A' - m/s	NO TR
PULMONARY VALVE	: 1.06 m/s		NO PR

Name	MS.SUKANYA B	ID	MED111990121
Age & Gender	31Y/FEMALE	Visit Date	09 Dec 2023
Ref Doctor Name	MediWheel	•	

2D ECHOCARDIOGRAPHY FINDINGS:

Left ventricle No regional wall motion abno	: Normal size, Normal systolic function. ormalities.
Left Atrium	: Normal.
Right Ventricle	: Normal.
Right Atrium	: Normal.
Mitral valve	: Normal, No mitral valve prolapsed.
Aortic valve	: Normal, Trileaflet.
Tricuspid valve	: Normal.
Pulmonary valve	: Normal.
IAS	: Intact.
IVS	: Intact.
Pericardium	: No pericardial effusion.

IMPRESSION:

> NORMAL SIZED CARDIAC CHAMBERS.

- > NORMAL LV SYSTOLIC FUNCTION. EF: 63%.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

DR. K.S. SUBRAMANI. MBBS, MD, DM (CARDIOLOGY) FESC SENIOR CONSULTANT INTERVENTIONAL CARDIOLOGIST SRI JAYADEVA INSTITUTE OF CARDIOLOGY, BANGALORE Kss/vp

Note:

* Report to be interpreted by qualified medical professional.

- * To be correlated with other clinical findings.
- * Parameters may be subjected to inter and intra observer variations.

*Any discrepancy in reports due to typing errors should be corrected as soon as possible.

Name	MS.SUKANYA B	ID	MED111990121
Age & Gender	31Y/FEMALE	Visit Date	09 Dec 2023
Ref Doctor Name	MediWheel		

Name	MS.SUKANYA B	ID	MED111990121
Age & Gender	31Y/FEMALE	Visit Date	09 Dec 2023
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER shows normal in shape, size and has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER shows normal shape and has clear contents. Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN shows normal shape, size and echopattern. No demonstrable Para -aortic lymphadenopathy.

KIDNEYS move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

•	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.3	1.5
Left Kidney	12.2	1.4

URINARY BLADDER shows normal shape and wall thickness. It has clear contents. No evidence of diverticula.

UTERUS is anteverted and normal in size. It has uniform myometrial echopattern. Endometrial thickness measures 6.8mm Uterus measures as follows: LS: 7.2cms AP: 3.8cms TS: 5.0cms.

OVARIES are normal in size, shape and echotexture. No focal lesion seen. Ovaries measure as follows: **Right ovary**: 3.7 x 1.9cms **Left ovary**: 3.3 x 1.9cms

POD & adnexae are free.

No evidence of ascites/pleural effusion.

IMPRESSION:

> NO SIGNIFICANT ABNORMALITY DETECTED.

DR. APARNA CONSULTANT RADIOLOGIST A/vp

Name	MS.SUKANYA B	ID	MED111990121
Age & Gender	31Y/FEMALE	Visit Date	09 Dec 2023
Ref Doctor Name	MediWheel		

Name	Ms. SUKANYA B	Customer ID	MED111990121
Age & Gender	31Y/F	Visit Date	Dec 9 2023 8:28AM
Ref Doctor	MediWheel	-	

X - RAY CHEST PA VIEW

FINDINGS:

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

IMPRESSION:

No significant abnormality detected.

Dr.Nitash Prakash MBBS., MD Consultant Radiologist