

ID : 40555
 Name : PAKSHAAL MEHTA
 DOB/Age : 21 years
 Gender : Male
 Nationality : 0

Collection : 04/06/2022, 04:03 PM
 Received : 04/06/2022, 07:04 PM
 Reported : 04/06/2022, 10:25 PM
 Ref. Doctor : SELF
 Passport No. : -

Client Name : PHASORZ
 TECHNOLOGIES PRIVATE
 LIMITED - LB2024
 Client Address : MUMBAI



4222060356

Test Description	Value(s)	Reference Range
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IMMUNOLOGY

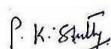
PSA (Prostate - Specific Antigen), Total *

PSA (CLIA)	0.31	ng/ml	0-4
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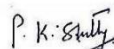
Interpretation:

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

END OF REPORT



Dr. Prashant Shetty
 (M.D. Pathology)



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 (M.D. Pathology)

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MEDIBUDDY BASIC EXTENDED HEALTH CHECKUP

BIOCHEMISTRY

Serum Urea / Creatinine *

Urea ((Uricase))	32.86	mg/dL	17 - 43
Creatinine ((Serum, Alkaline picrate-kinetic))	0.77	mg/dL	0.67 - 1.17
Urea/Creatinine Ratio ((calculated))	42.68	ratio	40 - 100
BUN/Creatinine Ratio (calculated)	19.94	ratio	10 - 20

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CLINICAL PATHOLOGY

Urine Examination-Routine

Volume*	20	ml	-
Colour*	Pale Yellow		Pale Yellow
Transparency (Appearance)*	Slightly Hazy		Clear
Deposit*	Absent		Absent
Reaction (pH)*	6.5		4.5 - 8
Specific Gravity*	1.020		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)*	2-3	/hpf	0 - 5
Epithelial Cells*	1-2	/hpf	0 - 4
Red blood Cells*	Absent	/hpf	Absent
Crystals*	Absent		Absent
Cast*	Absent		Absent
Trichomonas Vaginalis*	Absent		Absent
Yeast Cells*	Absent		Absent
Amorphous deposits*	Absent		Absent
Bacteria*	Absent		Absent

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BIOCHEMISTRY

Bun; Blood Urea Nitrogen

UREA* (Serum,Urease)	32.86	mg/dL	17 - 43
BUN* (Serum,Calculated)	15.36	mg/dL	7 - 18.0

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IMMUNOLOGY

TSH (Thyroid Stimulating Hormone), Ultrasensitive

TSH Ultra* (CLIA)	2.299	μIU/mL	New born - 4days : 1.0 - 39.0 2 - 20wk : 1.7 - 9.1 21wk - 20yr : 0.7 - 6.4 Adults 21yr - 54yr : 0.4 - 4.2 55yr - 87yr : 0.5 - 8.9
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1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

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HAEMATOLOGY

Complete Blood Count; CBC (EDTA whole blood)

Erythrocytes (Whole Blood)

Hemoglobin (Hb)* (Cymeth Photometric Measurement)	14.5	gm/dL	13.5 - 18.0
Erythrocyte (RBC) Count* (Electrical Impedance)	4.97	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)* (Calculated)	42.4	%	42 - 52
Mean Cell Volume (MCV)* (Electrical Impedance)	85.3	fL	78 - 100
Mean Cell Haemoglobin (MCH)* (Calculated)	29.2	pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)* (Calculated)	34.2	gm/dL	32 - 36
Red Cell Distribution Width (RDW)* (Electrical Impedance)	12.5	%	11.5 - 14.0

RBC Morphology

Remarks Normocytic normochromic

Leucocytes (Whole, Blood)

Total Leucocytes (WBC) Count* (Electrical Impedance)	6320	cell/cu.mm	4000-10000
Neutrophils* (VCSn Technology)	47	%	40 - 80
Lymphocytes* (VCSn Technology)	40	%	20 - 40
Monocytes* (VCSn Technology)	07	%	2 - 10
Eosinophils* (VCSn Technology)	06	%	1 - 6
Basophils* (VCSn Technology)	0	%	1-2

Absolute Count

Absolute Neutrophil Count* (Calculated)	2.97	* 10 ⁹ /L	2.0 - 7.0
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Test Description	Value(s)	Reference Range	
Absolute Lymphocyte Count* (Calculated)	2.53	* 10^9/L	1-3
Absolute Monocyte Count* (Calculated)	0.44	* 10^9/L	0.2-1.0
Absolute Eosinophil Count* (Calculated)	0.38	* 10^9/L	0.0-0.5
Absolute Basophils Count* (Calculated)	0	* 10^9/L	1-2
WBC	Within normal limits		
<u>Platelets</u> (Whole, Blood)			
Platelet Count* (Electrical Impedence)	263	10^3/ul	150 - 450
Mean Platelet Volume (MPV)* (Electrical Impedence)	10.9	fL	7.2 - 11.7
Platelet Morphology	Adequate on smear		
PCT* (Calculated)	0.29	%	0.2 - 0.5
PDW* (Calculated)	13.6	%	9.0 - 17.0

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.

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BIOCHEMISTRY

Glucose Fasting (F)

Glucose Fasting* (Plasma, Hexokinase)	92.51	mg/dL	Normal: 70-100 Impaired Fasting Glucose (IFG): 100-125 Diabetes Mellitus: ≥ 126 (On more than one occasion) (American Diabetes Association guidelines 2017)
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SGOT

SGOT* (UV with P5P, IFCC 37 Degree)	26.24	U/L	<50
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Triglycerides, Serum

Triglycerides (Serum, Enzymatic, endpoint)	284.37	mg/dL	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: ≥ 500
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SGPT

SGPT* (UV with P5P, IFCC 37 Degree)	41.81	U/L	<50
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Bilirubin Total, Direct And Indirect

Bilirubin Total* (Jendrassik Grof)	0.31	mg/dL	0.3-1.2
Bilirubin Direct* (Diazotization)	0.10	mg/dL	<0.2
Bilirubin Indirect* (Calculated)	0.21	mg/dL	0.1-1.0

Cholesterol, Total

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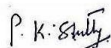
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Cholesterol-Total* (Serum, Cholesterol oxidase esterase, peroxidase)	281.14	mg/dL Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

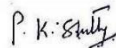
Uric Acid, Serum

Uric Acid* (Uricase, POD)	5.86	mg/dL 3.5 - 7.2
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END OF REPORT



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