



LABORATORY REPORT



Name : **Mr. XYZ** : Registration on : 19-Jul-2022 09:11
Lab ID **07223800325** : Collected on : 19-Jul-2022 08:24
Sex/Age : **Male / 60 Years** : Approved on : 19-Jul-2022 09:37
Ref. By : Sample Type : EDTA Blood
Location : Sterling Accuris Wellness Pvt Ltd. @ Ashram Road Ref. Id

Complete Blood Count

Test		Result	Unit	Biological Ref. Interval
Hemoglobin	Colorimetric	13.8	g/dL	13.0 - 16.5
RBC Count	Electrical impedance	4.62	million/cmm	4.5 - 5.5
Hematocrit	Calculated	L 39.5	%	40 - 49
MCV	Derived	85.5	fL	83 - 101
MCH	Calculated	29.8	pg	27.1 - 32.5
MCHC	Calculated	34.9	g/dL	32.5 - 36.7
RDW CV	Calculated	13.00	%	11.6 - 14

Total WBC and Differential count

WBC Count	SF Cube cell analysis	6600	/cmm	4000 - 10000
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Differential Count

					Absolute Count
Neutrophils	Microscopic	68	%	40 - 80	4488 /cmm 2000 - 6700
Lymphocytes	Microscopic	22	%	20 - 40	1452 /cmm 1100 - 3300
Eosinophils	Microscopic	04	%	1 - 6	264 /cmm 00 - 400
Monocytes	Microscopic	06	%	2 - 10	396 /cmm 200 - 700
Basophils	Microscopic	00	%	0 - 2	0 /cmm 0 - 100

Platelet Count	Electrical impedance	215000	/cmm	150000 - 410000
MPV	Calculated	9.8	fL	7.5 - 10.3

Peripheral Smear Examination

RBC Morphology	Normochromic Normocytic
WBC Morphology	WBCs Series Shows Normal Morphology
Platelets Morphology	Platelets are adequate with normal morphology.
Parasites	Malarial parasite is not detected.

P.D.

Dr. Purvish Darji
MD(Path)
Referred Test

Dr. Sanjeev Shah
M.D Pathology &
Bacteriology.

Dr. Yash Shah
M.D. PathologyPage 1 of 7



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Lab ID	: 07223800325	Collected on	: 19-Jul-2022 08:24
Sex/Age	: Male / 60 Years	Approved on	: 19-Jul-2022 09:43
Ref. By	:	Sample Type	: Serum
Location	: Sterling Accuris Wellness Pvt Ltd. @ Ashram Road	Ref. Id	

Biochemistry

Test	Result	Unit	Biological Ref. Interval
Creatinine, Serum <i>Creatinine Amidohydrolase</i>	1.03	mg/dL	0.66 - 1.25

Dr. Siddharth Thummar

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Report Status: Final

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STERLING ACCURIS WELLNESS PRIVATE LIMITED | CIN No: U85191GJ2014PTC080926

NATIONAL REFERENCE LABORATORY (Regd. Off): 101 to 109, First Floor, Sankalp Square II, Nr. Old Sharda Mandir Cross Road,
B/s. Jalaram Mandir Railway Crossing, Ellisbridge, Ahmedabad, Gujarat- 380006. Contact No.: 812 813 0000



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Lab ID	: 07223800325	Collected on	: 19-Jul-2022 08:24
Sex/Age	: Male / 60 Years	Approved on	: 19-Jul-2022 09:46
Ref. By	:	Sample Type	: Sodium Heparin Plasma
Location	: Sterling Accuris Wellness Pvt Ltd. @ Ashram Road	Ref. Id	

Biochemistry

Test	Result	Unit	Biological Ref. Interval
Ammonia <i>Bromophenol Blue</i>	H 35.0	μmol/L	9 - 30

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Sex/Age : **Male / 60 Years** : Approved on : 19-Jul-2022 10:18
Ref. By : Sample Type : Serum
Location : Sterling Accuris Wellness Pvt Ltd. @ Ashram Road Ref. Id

Thyroid Function Test

Test	Result	Unit	Biological Ref. Interval
T3 - Triiodothyronine <small>CMIA</small>	0.71	ng/mL	0.58 - 1.59
T4 - Thyroxine <small>CMIA</small>	6.21	micro g/mL	4.87 - 11.72
TSH - Thyroid Stimulating Hormone <small>CMIA</small>	4.7809	microIU/mL	0.35 - 4.94

TSH	T3/FT3	T4/FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	- Isolated Low T3-offen seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%
Raised	Within Range	Within Range	- Isolated High TSH especially in the range of 4.7 to 15 mIU/ml is commonly associated with physiological & Biological TSH Variability. - Subclinical Autoimmune Hypothyroidism - Intermittent T4 therapy for hypothyroidism - Recovery phase after Non-Thyroidal illness
Raised	Decreased	Decreased	- Chronic autoimmune Thyroiditis - Post thyroidectomy, Post radiiodine - Hypothyroid phase of transient thyroiditis
Raised or Within Range	Raised	Raised or Within range	- Interfering antibodies to thyroid hormones (anti-TPO antibodies) - intermittent T4 therapy or T4 overdose - Drug interference-Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics
Decreased	Raised or within Range	Raised or within Range	- Isolated Low TSH - especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness - Subclinical Hyperthyroidism - Thyroxine ingestion
Decreased	Decreased	Decreased	- Central Hypothyroidism - Non-Thyroidal illness - Recent treatment for Hyperthyroidism (TSH remains suppressed)
Decreased	Raised	Raised	- Primary Hyperthyroidism (Graves disease), Multinodular goitre Toxic nodule - Transient thyroiditis:Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain'a) Gestational thyrotoxicosis with hyperemesis gravidarum
Decreased or within range	Raised	Within Range	- T3 toxicosis - Non-Thyroidal illness

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M.D. PathologyPage 4 of 7

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Sex/Age : Male / 60 Years : Approved on : 19-Jul-2022 10:19
Ref. By : Sample Type : Serum
Location : Sterling Accuris Wellness Pvt Ltd. @ Ashram Road Ref. Id

Immunoassay

Test	Result	Unit	Biological Ref. Interval
PSA-Prostate Specific Antigen, Total	2.020	ng/mL	0 - 4

PSA is a glycoprotein that is expressed by both normal and neoplastic prostate tissue and is prostate tissue specific and not prostate cancer specific. PSA is constantly expressed in nearly all prostate cancers, although its level of expression on a per cell basis is lower than in normal prostate epithelium. The absolute value of serum PSA is useful for determining the extent of prostate cancer and assessing the response to prostate cancer treatment; its use as a screening method to detect prostate cancer is also common.

Interpretation

Increased in

- Prostate disease (Cancer, Prostatitis, Benign prostatic hyperplasia, Acute urinary retention)
- Manipulations (Cystoscopy, Needle biopsy, Radiation therapy, Indwelling catheter, Prostatic massage)
- Transurethral resection
- Prostatic ischemia

Decreased in

- Castration
- Prostatectomy
- Radiation therapy
- Ejaculation with 24 - 48 hours
- 5-alpha-reductase inhibitor reduces PSA by 50% after 6 months in men without cancer

Limitations

- PSA has been recommended by the American Cancer Society for use in conjunction with a DRE for early detection of prostate cancer starting at the age of 50 years for men with at least 10 year life expectancy
- PSA levels that are measured repeatedly over time may vary because of biologic variability where the true PSA level in a given man is different on different measurements.
- A change in PSA of >30% in man with a PSA initially below 2.0 ng/mL was likely to indicate a true change beyond normal random variation.

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Lab ID 07223800325	Collected on : 19-Jul-2022 08:24
Sex/Age : Male / 60 Years :	Approved on : 19-Jul-2022 11:13
Ref. By :	Sample Type : Urine
Location : Sterling Accuris Wellness Pvt Ltd. @ Ashram Road	Ref. Id

Urine Routine Examination

Test	Result	Unit	Biological Ref. Interval
Physical Examination			
Volume	20	ml	
Colour	Pale Yellow		
Transparency	Clear		
Chemical Examination (Dip Stick Method)			
pH	6.0		4.6 - 8.0
Specific Gravity	1.020		1.005 - 1.030
Urine Glucose <small>GOD-POD</small>	Absent		Negative
Urine Protein	Absent		Absent
Bilirubin	Absent		Negative
Urobilinogen	Absent		Negative
Urine Ketone	Absent		Negative
Nitrite	Absent		Negative
Microscopic Examination			
Pus Cells	Occasional	/hpf	0 - 5
Red Cells	Nil	/hpf	0 - 2
Epithelial Cells	Occasional	/hpf	
Casts	Absent	/hpf	
Crystals	Absent	/hpf	
Amorphous Material	Absent		

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Sex/Age : **Male / 60 Years** : Approved on : 19-Jul-2022 09:45
Ref. By : Sample Type : Serum
Location : Sterling Accuris Wellness Pvt Ltd. @ Ashram Road Ref. Id

Liver Function Test

Test	Result	Unit	Biological Ref. Interval
SGPT <i>UV with P5P, IFCC</i>	26.0	U/L	0 - 50
SGOT <i>UV with P5P</i>	25.0	U/L	17 - 59
GGT <i>L-γ-Glytanyl-p-nitroanilide</i>	27.0	U/L	15 - 73
Alkaline Phosphatase <i>PNPP, AMP Buffer, IFCC</i>	82.0	U/L	38 - 126
Total Bilirubin <i>Azobilirubin chromophores</i>	0.70	mg/dL	0.2 - 1.3
Conjugated Bilirubin <i>Cationic Mordant Binding</i>	0.10	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Cationic Mordant Binding</i>	0.50	mg/dL	0.0 - 1.1
Delta Bilirubin <i>Calculated</i>	0.10	mg/dL	0.0 - 0.2
Total Protein <i>Copper tartrate to colour complex</i>	6.50	g/dL	6.3 - 8.2
Albumin <i>Bromocresol Green Method</i>	4.10	g/dL	3.5 - 5.0
Globulin <i>Calculated</i>	2.40	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	H 1.71		1.3 - 1.7

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

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