

Name	: Ms. RAVIKA	Age	: 31 Years
Lab No.	: 391281434	Gender	: Female
Ref By	: SELF	Reported	: 2/12/2022 4:17:02PM
Collected	: 2/12/2022 10:27:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd
Collected at	: MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN		: Cubic Tower,2nd Floor, 65 Ballupur II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
-----------	---------	-------	--------------------

SwasthFit Super 2

COMPLETE BLOOD COUNT;CBC

(Electrical Impedance & Flow)

Hemoglobin	12.50	g/dL	12.00 - 15.00
Packed Cell Volume (PCV)	37.30	%	36.00 - 46.00
RBC Count	4.20	mill/mm3	3.80 - 4.80
MCV	88.80	fL	83.00 - 101.00
MCH	29.80	pg	27.00 - 32.00
MCHC	33.50	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW)	14.50	%	11.60 - 14.00
Total Leukocyte Count (TLC)	3.81	thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils	40.30	%	40.00 - 80.00
Lymphocytes	47.20	%	20.00 - 40.00
Monocytes	6.00	%	2.00 - 10.00
Eosinophils	5.20	%	1.00 - 6.00
Basophils	1.30	%	<2.00
Absolute Leucocyte Count			
Neutrophils	1.54	thou/mm3	2.00 - 7.00
Lymphocytes	1.80	thou/mm3	1.00 - 3.00
Monocytes	0.23	thou/mm3	0.20 - 1.00
Eosinophils	0.20	thou/mm3	0.02 - 0.50
Basophils	0.05	thou/mm3	0.02 - 0.10
Platelet Count	285	thou/mm3	150.00 - 410.00
Mean Platelet Volume	9.8	fL	6.5 - 12.0

Note



Name	: Ms. RAVIKA	Age	: 31 Years
Lab No.	: 391281434	Gender	: Female
Ref By	: SELF	Reported	: 2/12/2022 4:17:02PM
Collected	: 2/12/2022 10:27:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd
Collected at	: MR. DEEPAK PAINULY - FPSC CANAL ROAD		: Cubic Tower,2nd Floor, 65 Ballupur
	: 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE		: II,Chakrata Road Dehradun-248001
	: DEHARDUN		

Test Report

Test Name	Results	Units	Bio. Ref. Interval
1. As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood			
2. Test conducted on EDTA whole blood			



Name	: Ms. RAVIKA	Age	: 31 Years
Lab No.	: 391281434	Gender	: Female
Ref By	: SELF	Reported	: 2/12/2022 4:17:02PM
Collected	: 2/12/2022 10:27:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd
Collected at	: MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN		: Cubic Tower,2nd Floor, 65 Ballupur II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
LIVER & KIDNEY PANEL, SERUM			
Bilirubin Total (DPD)	0.35	mg/dL	0.30 - 1.20
Bilirubin Direct (DPD)	0.07	mg/dL	<0.30
Bilirubin Indirect (Calculated)	0.28	mg/dL	<1.10
AST (SGOT) (IFCC without P5P)	36.0	U/L	<35
ALT (SGPT) (IFCC without P5P)	15.0	U/L	<35
GGTP (GCNA)	47.0	U/L	<38
Alkaline Phosphatase (ALP) (PNPP)	74.00	U/L	30 - 120
Total Protein (Biuret)	6.27	g/dL	6.40 - 8.30
Albumin (BCG)	3.38	g/dL	3.50 - 5.20
A : G Ratio (Calculated)	1.17		0.90 - 2.00
Urea (Urease UV)	19.10	mg/dL	17.00 - 43.00
Creatinine (Modified Jaffe)	0.74	mg/dL	0.51 - 0.95
Uric Acid (Uricase)	5.91	mg/dL	2.60 - 6.00
Calcium, Total (Arsenazo III)	8.80	mg/dL	8.80 - 10.60
Phosphorus (Molybdate UV)	3.96	mg/dL	2.40 - 4.40
Sodium (Indirect ISE)	144.30	mEq/L	136.00 - 146.00
Potassium (Indirect ISE)	4.88	mEq/L	3.50 - 5.10
Chloride (Indirect ISE)	113.10	mEq/L	101.00 - 109.00



Name	: Ms. RAVIKA	Age	: 31 Years
Lab No.	: 391281434	Gender	: Female
Ref By	: SELF	Reported	: 2/12/2022 4:17:02PM
Collected	: 2/12/2022 10:27:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd
Collected at	: MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN		: Cubic Tower,2nd Floor, 65 Ballupur II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD (HPLC)			
HbA1c	5.0	%	4.00 - 5.60
Estimated average glucose (eAG)	97	mg/dL	

Interpretation

HbA1c result is suggestive of non diabetic adults (≥ 18 years)/ well controlled Diabetes in a known Diabetic

Note: Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

FACTORS THAT INTERFERE WITH HbA1C MEASUREMENT	FACTORS THAT AFFECT INTERPRETATION OF HbA1C RESULTS
Hemoglobin variants,elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements	Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g.,recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used.Iron deficiency anemia is associated with higher HbA1c



Name : Ms. RAVIKA	Age : 31 Years
Lab No. : 391281434	Gender : Female
Ref By : SELF	Reported : 2/12/2022 4:17:02PM
Collected : 2/12/2022 10:27:00AM	Report Status : Final
A/c Status : P	Processed at : Dr. Lal PathLabs Ltd
Collected at : MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN	Cubic Tower, 2nd Floor, 65 Ballapur II, Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
GLUCOSE, FASTING (F), PLASMA (Hexokinase)			
Glucose Fasting	75.00	mg/dL	70.00 - 100.00

THYROID PROFILE, TOTAL, SERUM (ECLIA)			
T3, Total	0.73	ng/mL	0.80 - 2.00
T4, Total	5.35	µg/dL	5.10 - 14.10
TSH	1.72	µIU/mL	0.27 - 4.20

Note

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction (Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

Interpretation

PREGNANCY	REFERENCE RANGE FOR TSH IN µIU/mL (As per American Thyroid Association)
1st Trimester	0.100 - 2.500
2nd Trimester	0.200 - 3.000
3rd Trimester	0.300- 3.000



Name : Ms. RAVIKA
Lab No. : 391281434
Ref By : SELF
Collected : 2/12/2022 10:27:00AM
A/c Status : P
Collected at : MR. DEEPAK PAINULY - FPSC CANAL ROAD
55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE
DEHARDUN

Age : 31 Years
Gender : Female
Reported : 2/12/2022 4:17:02PM
Report Status : Final
Processed at : Dr. Lal PathLabs Ltd
Cubic Tower,2nd Floor, 65 Ballapur
II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
LIPID SCREEN, SERUM			
Cholesterol, Total (CHO-POD)	165.00	mg/dL	<200.00
Triglycerides (GPO-POD)	126.00	mg/dL	<150.00
HDL Cholesterol (Direct Enzymatic)	72.30	mg/dL	>50.00
LDL Cholesterol, Calculated (Calculated)	67.50	mg/dL	<100.00
VLDL Cholesterol, Calculated (Calculated)	25.20	mg/dL	<30.00
Non-HDL Cholesterol (Calculated)	93	mg/dL	<130

Interpretation

REMARKS	TOTAL CHOLESTEROL in mg/dL	TRIGLYCERIDE in mg/dL	LDL CHOLESTEROL in mg/dL	NON HDL CHOLESTEROL in mg/dL
Optimal	<200	<150	<100	<130
Above Optimal	-	-	100-129	130 - 159
Borderline High	200-239	150-199	130-159	160 - 189
High	>=240	200-499	160-189	190 - 219
Very High	-	>=500	>=190	>=220

Note

- Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.
- NLA-2014 recommends a complete lipoprotein profile as the initial test for evaluating cholesterol.



Name : Ms. RAVIKA
Lab No. : 391281434
Ref By : SELF
Collected : 2/12/2022 10:27:00AM
A/c Status : P
Collected at : MR. DEEPAK PAINULY - FPSC CANAL ROAD
55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE
DEHARDUN
Age : 31 Years
Gender : Female
Reported : 2/12/2022 4:17:02PM
Report Status : Final
Processed at : Dr. Lal PathLabs Ltd
Cubic Tower,2nd Floor, 65 Ballapur
II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
3. Friedewald equation to calculate LDL cholesterol is most accurate when Triglyceride level is < 400 mg/dL. Measurement of Direct LDL cholesterol is recommended when Triglyceride level is > 400 mg/dL			
4. NLA-2014 identifies Non HDL Cholesterol(an indicator of all atherogeniclipoproteins such as LDL , VLDL, IDL, Lpa, Chylomicron remnants)along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL &Non HDL.			
5. Apolipoprotein B is an optional, secondary lipid target for treatment once LDL & Non HDL goals have been achieved			
6. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement			

Treatment Goals as per Lipid Association of India 2016

RISK CATEGORY	TREATMENT GOAL		CONSIDER THERAPY	
	LDL CHOLESTEROL (LDL-C) (mg/dL)	NON HDL CHLOESTEROL (NON HDL-C) (mg/dL)	LDL CHOLESTEROL (LDL-C) (mg/dL)	NON HDL CHLOESTEROL (NON HDL-C) (mg/dL)
Very High	<50	<80	>=50	>=80
High	<70	<100	>=70	>=100
Moderate	<100	<130	>=100	>=130
Low	<100	<130	>=130*	>=160*

*In low risk patient, consider therapy after an initial non-pharmacological intervention for at least 3 months



Name	: Ms. RAVIKA	Age	: 31 Years
Lab No.	: 391281434	Gender	: Female
Ref By	: SELF	Reported	: 2/12/2022 4:17:02PM
Collected	: 2/12/2022 10:27:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd
Collected at	: MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN		: Cubic Tower,2nd Floor, 65 Ballapur II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
URINE EXAMINATION, ROUTINE; URINE, R/E (Dipstick, Microscopy)			
Physical			
Colour	Light Yellow		Pale yellow
Specific Gravity	1.015		1.001 - 1.030
pH	5.5		5.0 - 8.0
Chemical			
Proteins	Negative		Negative
Glucose	Negative		Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative
Leucocyte Esterase	Negative		Negative
Nitrite	Negative		Negative
Microscopy			
R.B.C.	Negative		0.0 - 2.0 RBC/hpf
Pus Cells	0-1 WBC/HPF		0-5 WBC / hpf
Epithelial Cells	0-1 Epi Cells/hpf		0.0 - 5.0 Epi cells/hpf
Casts	None seen		None seen/Lpf
Crystals	None seen		None seen
Others	None seen		None seen



Name : Ms. RAVIKA	Age : 31 Years
Lab No. : 391281434	Gender : Female
Ref By : SELF	Reported : 2/12/2022 4:17:02PM
Collected : 2/12/2022 10:27:00AM	Report Status : Final
A/c Status : P	Processed at : Dr. Lal PathLabs Ltd
Collected at : MR. DEEPAK PAINULY - FPSC CANAL ROAD 55/30, CANAL ROAD, NEAR SHURBHI ENCLAVE DEHARDUN	Cubic Tower,2nd Floor, 65 Ballupur II,Chakrata Road Dehradun-248001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HEPATITIS B SURFACE ANTIGEN (HBsAg), RAPID SCREENING TEST, SERUM (ICT)	Non-Reactive		

Interpretation

RESULT	REMARKS
Reactive	Indicates presence of Hepatitis B Surface Antigen.
Non-Reactive	Indicates absence of Hepatitis B Surface Antigen.

* All reactive results should be subjected to HBsAg Neutralization test which can be requested as Test Code S116.

Note

1. Reactive test result indicates presence of Hepatitis B Surface Antigen. It cannot differentiate between the stages of Hepatitis B viral infection.
2. Non-Reactive test result indicates absence of Hepatitis B Surface Antigen.
3. False positive results may be observed in presence of heterophilic antibodies in serum or after HBV vaccination for transient period of time.
4. False negative reaction may be due to processing of sample collected early in the course of disease or presence of mutant forms of HBsAg.
5. For monitoring HBsAg levels, HBsAg Quantitative assay is recommended.



L38 - MR. DEEPAK PAINULY - FPSC CANAL
ROAD
55/30, CANAL ROAD, NEAR SHURBHI
ENCLAVE
DEHARDUN

Name	: Ms. RAVIKA	Collected	: 2/12/2022 10:27:00AM
Lab No.	: 391281434	Received	: 2/12/2022 10:35:34AM
Age:	31 Years	Reported	: 2/12/2022 4:17:02PM
Gender:	Female	Report Status	: Final
A/c Status	: P	Ref By	: SELF

Test Name	Results	Units	Bio. Ref. Interval
HIV 1 & 2 ANTIBODIES SCREENING TEST, SERUM (Immunochromatography)	Negative		

Note

1. Positive test result indicates antibody detected against HIV-1/2.
2. Negative test result indicates antibody is not detected against HIV- 1/2.
3. Indeterminate test result indicates antibody to HIV-1/2 have been detected in the sample by two of three methods.
4. False positive results may be observed in Autoimmune diseases, Alcoholic hepatitis, Primary biliary cirrhosis, Leprosy, Multiple pregnancies, Rheumatoid factor, and due to presence of heterophile antibodies.
5. False negative results may occur during the window period and during the end stage of the disease.

Recommendations

1. Post-test counseling available between 9 am to 5 pm at LPL laboratories.



Dr.Kxitiya Pandey
MD, Microbiology
Consultant Microbiologist
Dr Lal PathLabs Ltd



Dr.Sohil Nakra
DNB ,Pathology
Consultant Pathologist
Dr Lal PathLabs Ltd



Dr Pritika Uniyal
MD, Pathology
Chief of Lab

-----End of report -----



L38 - MR. DEEPAK PAINULY - FPSC CANAL
ROAD
55/30, CANAL ROAD, NEAR SHURBHI
ENCLAVE
DEHARDUN

Name	: Ms. RAVIKA	Collected	: 2/12/2022 10:27:00AM
Lab No.	: 391281434	Received	: 2/12/2022 10:35:34AM
Age:	31 Years	Reported	: 2/12/2022 4:17:02PM
Gender:	Female	Report Status	: Final
A/c Status	: P	Ref By	: SELF

Test Name	Results	Units	Bio. Ref. Interval
IMPORTANT INSTRUCTIONS			
*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory . *Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results. (#) Sample drawn from outside source.			

