



DR. P. BHASIN PATH LABS (P) LTD.

S- 13 GREATER KAILASH PART- I
NEW DELHI-110048
T +91-11-4163 4173, 4163 2200
24 Hrs Helpline : 91-93111 93111
www.bhasinpathlabs.com
CIN :- U85200DL1999PTC101458

NABL ACCREDITED ISO 9001 CERTIFIED RECOGNISED BY GOVT. OF INDIA



Name	Mr. RAHUL TIWARI	Booking Date	19/12/2019
Gender / Age	Male 28 Yrs		
Ref. By		Reporting Date	19/12/2019
Center	GK-1 :10	Test Printed On.	19/12/2019
Lab No.	101949720	DeliveryMode: Direct/By Hand	
Permanent Id			

Test Name	Value	Unit	Biological Ref Interval
SOVA Beta Panel			
Haemoglobin	14.8	gm/dl	13.0 - 16.0
SLS Hb XN1000			
Total Leucocyte (WBC) Count	7.91	kcells/ul	4.00 - 10.00
Hydrodynamic Focusing XN1000			
Differential Leucocyte Count with IG 6 Part			
Flowcytometry			
Neutrophils	53.2	%	40.0 - 80.0
Lymphocytes	35.4	%	20.0 - 40.0
Monocytes	3.5	%	2.0 - 10.0
Eosinophils	7.6	%	1.0 - 6.0
Basophils	0.3	%	0.1 - 1.0
Immature Granulocytes	0.10	%	0.00 - 2.00
Red Cell Count with Indices			
Hydrodynamic Focusing			
Red Blood Cell Count	4.67	Million/cumm	4.70 - 6.00
Hydrodynamic Focusing			
Nucleated RBCs Count (NRBC)	0	% of WBC	0.00 - 5.00
Packed Cell Volume	43.4	%	42.0 - 52.0
Hydrodynamic Focusing			
Mean Corpuscular Volume (MCV),	92.9	Fl	78.0 - 100.0
Calculated			
Mean Corpuscular Haemoglobin (MCH)	31.7	pg	27.0 - 31.0
Calculated			
MCHC-Mean Corpuscular Haemoglobin Concentration	34.1	pg	31.5 - 34.5
Calculated			
RDW - CV,	13.1	%	12.6 - 14.5
Red Cell Distribution Width Co Efficient of Variation			

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Consultant Pathologist and Director
DMC/R/15869

Dr Neha Bhasin
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Executive Director & Cons Pathologist
Dr Vipul Bhasin
MBBS, MD
Director & Consultant Biochemist
DMC No 90662

N. Aggarwal

Dr Nitika Aggarwal
MBBS, MD (Microbiology)
Consultant Microbiologist
DMC No 18382

For Dr. P. Bhasin Path Labs (P) Ltd.

Advise : Reports are not for medico-legal cases. If highly abnormal or do not co relate clinically please contact lab without hesitation.

24x7x365 LAB | ULTRASOUND | ECG | TMT | COLOUR DOPPLER | ECHOCARDIOGRAPHY | PFT | BONE DENSITOMETRY | UROFLOWMETRY



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Test Name	Value	Unit	Biological Ref Interval
RDW - SD, Red Cell Distribution Width Standard Deviation	42.8	Fl	39.0 - 46.0
<u>Platelet Counts</u>			
Platelet Count Impedance	3.05	Lakh/cum	1.50 - 4.50
Platelet Distribution Width (PDW)	12	%	10 - 18
Platelet - Least Cell Ratio	28.20		
Mean Platelet Volume (MPV)	10	fL	6 - 95

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Test Name	Value	Unit	Biological Ref Interval
Blood Sugar (Fasting) Hexokinase INTEGRA	97	mg/dL	70 - 110
HbA1c HPLC	5.5	%	4.5 - 6.3
BUN	8		7 - 20
Creatinine, Serum Jaffes Kinetic INTEGRA	0.8	mg/dL	0.3 - 1.5
Uric Acid Uricase INTEGRA	5.4	mg/dL	2.6 - 8.0
Sodium, Serum Ion selective Electrode INTEGRA	134	Meq/L	136 - 145
Potassium, Serum Ion selective Electrode INTEGRA	4.1	Meq/L	3.5 - 5.5
Chloride, Serum INTEGRA	97.2	Meq/L	98.0 - 110.0
Total Bilirubin, Serum Diazotised Sulphanilic Acid INTEGRA	0.51	mg/dL	0.10 - 1.00
Aspartate Transaminase (SGOT), Serum Enzymatic INTEGRA	18	U/L	0 - 40
Alanine Transaminase (SGPT), Serum Enzymatic INTEGRA	11	U/L	0 - 41
Alkaline Phosphatase, Serum AMP Buffer INTEGRA	83	U/L	50 - 136
Gamma Glutamyl Transferase, Serum IFCC Reference Method INTEGRA	17	U/L	10 - 71

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Test Name	Value	Unit	Biological Ref Interval
Proteins, Serum			
Total Proteins, Serum Modified Biuret Reaction	7.0	g/dL	5.5 - 8.0
Albumin, Serum Bromocresol Purple	4.7	g/dl	3.5 - 5.5
Globulin, Serum	2.3	g/dl	2.0 - 3.5
Albumin / Globulin Ratio	2.0	g/dl	0.8 - 2.0
Magnesium, Serum Methylthymol Blue INTEGRA	1.9	mg/dL	1.8 - 3.0
Inorganic Phosphorus, Serum Phosphomolybdate INTEGRA	4.9	mg/dL	2.5 - 5.0
Lipid Profile			
Triglycerides, Serum Lipoprotein Lipase/POD INTEGRA	57	mg/dL	25 - 175
			Desirable : 25 - 175 Borderline High : 175 - 200 High : 201 - 499 Very High : > 500
Cholesterol Total, Serum Cholesterol Esterase INTEGRA	123	mg/dL	100 - 200
			Desirable : < 200 Borderline High : 200 - 239 High : > 240
Cholesterol HDL, Serum Polyethylene Glycerol/Magnesium Sulfate INTEGRA	37.1	mg/dL	40.0 - 60.0
Cholesterol LDL, Serum Calculated	74.5	mg/dL	0.0 - 100.0
Cholesterol VLDL, Serum	11.4	mg/dL	10.0 - 35.0
LDL-C / HDL - C, Ratio	2.0	mg/dL	2.5 - 3.0
Cholesterol Total / HDL - C, Ratio	3.3	mg/dL	3.5 - 5.5

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Test Name	Value	Unit	Biological Ref Interval
Total Lipid	303.0	mg/dL	400.0 - 800.0

Hormone Assays

T3 (Total), Serum CLIA	1.32	nmol/L	0.92 - 2.79
T4 (Total), Serum CLIA RocheCOBASE411	112.8	nmol/L	71.0 - 161.0
Thyroid Stimulating Hormone (TSH), Serum CLIA RocheCOBASE411	2.19	uIU/L	0.50 - 5.50

TSH levels are subject to circadian variation, reaching peak levels between 2 - 4 AM and at a minimum between 6 - 10 PM. The variation is of order of 50%, hence time of the day has influence on measured TSH concentrations.

Vitamin D 25 Hydroxy Total, Serum	14.03	ng/ml	30.00 - 120.00
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CLIA
RocheCOBASE411

Cortisol (Morning), Serum	6.1	ug/dl	5.0 - 25.0
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CLIA
Immulite2000Xpi

Nutritional Markers

Vitamin B12, Serum	552.40	pg/ml	211.00 - 911.00
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CLIA
RocheCOBASE411

Ferritin, Serum	54.8	ng/ml	15.0 - 200.0
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ECLIA
RocheCOBASE411

Folic Acid, Serum	3.68	ng/ml	5.31 - 100.00
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CLIA
RocheCOBASE411

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Test Name	Value	Unit	Biological Ref Interval
Calcium, Serum CLIA INTEGRA	9.6	mg/dL	8.1 - 10.4

Cardiac Markers

High Sensitivity C-Reactive Protein, Serum Immunoturbidimetry INTEGRA	0.3	mg/l	0.0 - 3.0
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No Risk : < 1.0
Moderate Risk : 1.0 - 3.0
High Risk : 3.0 - 5.9
Acute Inflammation : > 6.0

Interpretation :-

The American College of Cardiology Foundations and the American Heart Association recommend :-

1. hs-CRP testing may be useful when men 50 years old or younger and women 60 years old or younger, who have intermediate risk.
2. It also may be useful for treatment decisions when men and women are older than these respective ages and have LDL-C less than 130 mg/L and meet several other criteria, such as no existing heart disease, diabetes, kidney disease, or inflammatory conditions.
3. When hs-CRP is evaluated, it may be repeated to confirm that a person has persistent low levels of inflammation.
4. These values are only a part of the total evaluation process for cardiovascular diseases.
5. Additional risk factors to be considered are elevated levels of cholesterol, LDL-C, triglycerides, and glucose.
6. Values higher than 6 are suggestive of acute inflammation and are not useful for cardiac risk evaluation.

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