DRLOGY PATHOLOGY LAB

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105 -108, SMART VISION COMPLEX, HEALTHCARE ROAD, OPPOSITE HEALTHCARE COMPLEX. MUMBAI - 689578

📞 0123456789 | 0912345678

✉ drlogypathlab@drlogy.com

www.drlogy.com

Yash M. Patel

Age : 21 Years

Sex : Male

PID : 555

Sample Collected At:
125, Shivam Bungalow, S G Road, Mumbai

Ref. By: **Dr. Hiren Shah**

0 35545 62336 78 1

Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

LIPID PROFILE

Investigation	Result		Reference Value	Unit
Cholesterol Total Spectrophotometry	**250.00**	**High**	< 200.00	mg/dL
Triglycerides Spectrophotometry	**100.00**		< 150.00	mg/dL
HDL Cholesterol Spectrophotometry	**50.00**		> 40.00	mg/dL
LDL Cholesterol Calculated	**190.00**	**High**	< 100.00	mg/dL
VLDL Cholesterol Calculated	**10.00**		< 30.00	mg/dL
Non-HDL Cholesterol Calculated	**100.00**		< 130.00	mg/dL

NLA - 2014 RECOMMENDATIONS	Total Cholesterol (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol (mg/dL)	Triglycerides (mg/dL)
Optimal		< 40	< 100	< 150
Above Optimal	< 200		100 - 129	
Borderline High	200 - 239		130 - 159	150 - 199
High	> 240	< 60	160 - 189	200 - 499
Very High			> 190	> 500

Note :

1. 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.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

Thanks for Reference

****End of Report****

Medical Lab Technician
(DMLT, BMLT)

Dr. Payal Shah
(MD, Pathologist)

Dr. Vimal Shah
(MD, Pathologist)

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LIVER FUNCTION TEST (LFT)

Investigation	Result		Reference Value	Unit
Primary Sample Type :	Serum			
AST (SGOT) IFCC without P5P	16.00		15.00 - 40.00	U/L
ALT (SGPT) IFCC without P5P	**100.50**	**High**	10.00 - 49.00	U/L
AST:ALT Ratio Calculated	0.50		<1.00	
GGTP IFCC	10.20		0 - 73	U/L
Alkaline Phosphatase (ALP) IFCC-AMP	**15.40**	**Low**	30.00 - 120.00	U/L
Bilirubin Total DPD	0.60		0.30 - 1.20	mg/dL
Bilirubin Direct DPD	0.10		<0.3	mg/dL
Bilirubin Indirect Calculated	0.10		<1.10	mg/dL
Total Protein Biure	6.39		5.70 - 8.20	g/dL
Albumin BCG	2.00		3.20 - 4.80	g/dL
A : G Ratio Calculated	0.10		0.90 - 2.00	

Note :

1. In an asymptomatic patient, Non alcoholic fatty liver disease (NAFLD) is the most common cause of increased AST, ALT levels. NAFLD is considered as hepatic manifestation of metabolic syndrome.

2. In most type of liver disease, ALT activity is higher than that of AST; exception may be seen in Alcoholic Hepatitis, Hepatic Cirrhosis, and Liver neoplasia. In a patient with Chronic liver disease, AST:ALT ratio>1 is highly suggestive of advanced liver fibrosis.

3. In known cases of Chronic Liver disease due to Viral Hepatitis B & C, Alcoholic liver disease or NAFLD, Enhanced liver fibrosis (ELF) test may be used to evaluate liver fibrosis.

4. In a patient with Chronic Liver disease, AFP and Des-gamma carboxyprothrombin (DCP)/PIVKA II can be used to assess risk for development of Hepatocellular Carcinoma.

Thanks for Reference

****End of Report****

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Sample Collection

0123456789

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Complete Blood Count (CBC) with Absolute Count

Investigation	Result		Reference Value	Unit
Primary Sample Type :	Blood			
HEMOGLOBIN				
Hemoglobin (Hb)	**12.5**	**Low**	13.0 - 17.0	g/dL
RBC COUNT				
Total RBC count	5.2		4.5 - 5.5	mill/cumm
BLOOD INDICES				
Packed Cell Volume (PCV)	**57.5**	**High**	40 - 50	%
Mean Corpuscular Volume (MCV) Calculated	87.75		83 - 101	fL
MCH Calculated	27.2		27 - 32	pg
MCHC Calculated	32.8		32.5 - 34.5	g/dL
RDW	13.6		11.6 - 14.0	%
WBC COUNT				
Total WBC count	9000		4000-11000	cumm
DIFFERENTIAL COUNT				
Neutrophils	60		50 - 62	%
Lymphocytes	31		20 - 40	%
Eosinophils	1		00 - 06	%
Monocytes	7		00 - 10	%
Basophils	1		00 - 02	%
ABSOLUTE COUNT				
Absolute Neutrophils	6000		1500 - 7500	cells/mcL
Absolute Lymphocytes	3100		1300 - 3500	cells/mcL
Absolute Eosinophils	100		00 - 500	cells/mcL
Absolute Monocytes	700		200 - 950	cells/mcL
Absolute Basophils	100		00 - 300	cells/mcL
PLATELET COUNT				
Platelet Count	320000		150000 - 410000	cumm

Instruments: Fully automated cell counter - Mindray 300

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****End of Report****

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