

A45 - VARANASI LAB-3
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Name	: Mr. AKASH SINGH	Collected	: 23/5/2020 8:19:00AM
Lab No.	: 284246955	Age: 23 Years	Gender: Male
A/c Status	: P	Ref By: SELF	Report Status: Final

Test Name	Results	Units	Bio. Ref. Interval
LIVER PANEL 1; LFT,SERUM (Reflectance Photometry)			
AST (SGOT)	17	U/L	<40
ALT (SGPT)	22	U/L	<41
AST:ALT Ratio	0.78		<1.00
GGTP	12	U/L	<71.00
Alkaline Phosphatase (ALP)	77	U/L	<128
Bilirubin Total	0.95	mg/dL	<1.10
Bilirubin Direct	0.29	mg/dL	<0.20
Bilirubin Indirect	0.66	mg/dL	<1.10
Total Protein	7.78	g/dL	6.40 - 8.30
Albumin	4.68	g/dL	3.97 - 4.94
A : G Ratio	1.51		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.



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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.		



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Test Name	Results	Units	Bio. Ref. Interval
COMPLETE BLOOD COUNT;CBC (Electrical Impedence,Manual)			
Hemoglobin	15.60	g/dL	13.00 - 17.00
Packed Cell Volume (PCV)	47.90	%	40.00 - 50.00
RBC Count	5.08	mill/mm3	4.50 - 5.50
MCV	94.30	fL	80.00 - 100.00
MCH	30.70	pg	27.00 - 32.00
MCHC	32.60	g/dL	32.00 - 35.00
Red Cell Distribution Width (RDW)	13.20	%	11.50 - 14.50
Total Leukocyte Count (TLC)	7.22	thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils	49.70	%	40.00 - 80.00
Lymphocytes	37.80	%	20.00 - 40.00
Monocytes	2.80	%	2.00 - 10.00
Eosinophils	9.30	%	1.00 - 6.00
Basophils	0.40	%	<2.00
Absolute Leucocyte Count			
Neutrophils	3.59	thou/mm3	2.00 - 7.00
Lymphocytes	2.73	thou/mm3	1.00 - 3.00
Monocytes	0.20	thou/mm3	0.20 - 1.00
Eosinophils	0.67	thou/mm3	0.02 - 0.50
Basophils	0.03	thou/mm3	0.01 - 0.10
Platelet Count	185.0	thou/mm3	150.00 - 450.00



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Mean Platelet Volume (MPV)	12.50	fL	6.50 - 12.00

Note

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



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

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.

