

Pat. Name : Mr. Sonu Kumar
Age : 24Y Sex : Male
Ref. By : Om Sai Nursing Home
Client :



Reg. No : OSP-2026-0526
Col. Date : 14-06-2026
Rpt. Date : 14-06-2026

Test	Result	Unit	Normal Range
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin	14.0	gm/dL	12-15
RBC Count	4.67	mil/cu.mm	3.5-5.5
RBC INDICES			
Hematocrit (HCT)	44.80	%	40-50
Mean Corp Volume (MCV)	95.93		83-101
Mean Corp Hb (MCH)	29.98	pg	27-32
Mean Corp Hb Conc (MCHC)	31.25	gm/dL	31.5-34.5
RDW-SD	46.2	fl	
RDW-CV	15.7	%	11.0-17.0
Platelet Count	2.90	10 ⁶ /ul	1.50-4.50
MPV	11.7		7-13
PWD	16.4	fl	
PCT	0.339	%	0.10-0.35
Total WBC Count	13.600	10 ³ /ul	4-10
DIFFERENTIAL LEUCOCYTE COUNT			
Neutrophils	65	%	40-70
Lymphocytes	26		20-40
Monocytes	08	%	2-10
Eosinophils	01	%	1-6
Basophils	00	%	0-1
P-LCC	109	10 ⁹ /L	
P-LCR	37.4	%	11-45%

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Test	Result	Unit	Normal Range
Liver Function Test (LFT)			
Total Bilirubin	0.9	mg/dl	0.2-1.3
Direct Bilirubin	0.6	mg/dl	0.0-0.4
Indirect Bilirubin	0.3	mg/dl	0.2-0.7
Alkaline Phosphatase	18.4	U/L	4-11
Alanine Transaminase (SGPT/ALT)	93.4	U/L	5-35
Aspartate Transaminase (SGOT/AST)	114.4	U/L	8-40
Total Protein	6.9	g/dl	6.4-8.3
Albumin	4.2	gm/dl	3.2-4.8
Globulin	2.70	g/dl	2.3-3.6
A/G Ratio	1.50		1.0-2.3

Comment

A Liver Function Test (LFT) is a group of blood tests used to check the health and functioning of the liver. It measures enzymes, proteins, and bilirubin levels to detect liver damage, infection, or diseases such as hepatitis and fatty liver disease. Doctors use LFT to monitor liver health and evaluate the effect of medicines or medical conditions on the liver.

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Test	Result	Unit	Normal Range
ADENOSINE DEAMINASE(ADA)	48.99	U/L	SERUM/PLASMA < 40 PLEURAL/PERICARDIAL/ACIDIC FLUID < 11 CEREBROSPINAL FLUID < 11 PUS: 80 - 110

Comment

SPECIMEN: SERUM

Comments:

Adenosine deaminase (ADA) enzyme is seen in high concentrations in T lymphocytes and is significantly increased in tubercular infections. At a level of 50 U/L, the assay is highly sensitive, specific with both positive and negative predictive values for Tuberculosis. However in patients with lymphocyte rich infusions from non- tubercular causes, ADA levels < 40 U/L are seen in approximately 97% cases.

Increased Serum Levels - Viral hepatitis, Infectious mononucleosis, Typhoid fever, Cirrhosis of liver and certain malignant tumors, Tuberculosis.

Increased Fluid Levels - Tuberculosis, Bacterial infections, Lymphoproliferative disorders and Rheumatologic diseases

Decreased Levels - Type II Diabetes mellitus & Biliary tract diseases

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WIDAL TEST


Antigen	1:20	1:40	1:80	1:160	1:320
TYPHI "O"	+	+	+	+	-
TYPHI "H"	+	+	+	-	-
TYPHI "AH"	-	-	-	-	-
TYPHI "BH"	-	-	-	-	-

BLOOD GROUPING & RH FACTOR

BLOOD GROUP "O"
RH FACTOR POSITIVE

*** End Of Report ***


Tarun
DMLT


A.K.Jha
Pathologist