

Patient Name : Miss RENU DEVI

Age : 50Y Sex : Female

Ref. By : DR.RAUSHAN KUMAR,B.A.M.S(KHARTARI)

Address :



Reg. No : SP-2026-0087

Collection Date : 18-06-2026

Reporting Date : 18-06-2026

Test	Flag	Result	Unit	Normal Range
<b>HAEMATOLOGY</b>				
<b>COMPLETE BLOOD COUNT (CBC)</b>				
Haemoglobin		11.4	gm/dL	10.5-14.5
RBC Count		4.58	mil/cu.mm	3.5-5.5
<b>RBC INDICES</b>				
Hematocrit (HCT)	▼	<b>39.8</b>	%	40-50
Mean Corp Volume (MCV)		87.0		83-101
Mean Corp Hb (MCH)	▼	<b>24.9</b>	pg	27-32
Mean Corp Hb Conc (MCHC)	▼	<b>28.7</b>	gm/dL	31.5-34.5
RDW-SD		43.0	fl	
RDW-CV		14.1	%	11.0-17.0
Platelet Count		1.57	10 <sup>6</sup> /ul	1.50-4.50
MPV	▲	<b>13.9</b>		7-13
PWD		20.5	fl	
PCT		0.219	%	0.10-0.35
Total WBC Count		7400	10 <sup>3</sup> /ul	4000-11000
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
Neutrophils		47	%	40-70
Lymphocytes	▲	<b>46</b>		20-40
Monocytes		06	%	2-10
Eosinophils		01	%	1-6
Basophils		00	%	0-1
<b>Differential Leucocyte Absolute Count</b>				
Absolute Neutrophil		3.48	x10 <sup>3</sup> /Cu.mm	1.8-7.8
Absolute Lymphocyte		3.40	x10 <sup>3</sup> /Cu.mm	1.0-4.8
Absolute Monocyte		0.44	x10 <sup>3</sup> /Cu.mm	0-0.8
Absolute Eosinophil		0.07	x10 <sup>3</sup> /Cu.mm	0-0.45
Absolute Basophil		0.00	x10 <sup>3</sup> /Cu.mm	0-0.2

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**BIOCHEMISTRY**

Alanine Transaminase (SGPT/ALT)		38	U/L	5-40
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**Comment**

Alanine Transaminase (ALT/SGPT) is an enzyme found mainly in the liver. It helps the body process proteins and amino acids. When liver cells are damaged due to conditions such as hepatitis, fatty liver disease, alcohol-related liver injury, or certain medications, ALT levels in the blood can rise. Therefore, the ALT (SGPT) test is commonly used to assess liver health and detect liver damage. Normal ranges vary slightly between laboratories.

Serum SGOT	▲	49	mg/dl	05-40
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**Comment**

Serum SGOT (AST), also known as Aspartate Aminotransferase (AST), is an enzyme found in the liver, heart, muscles, kidneys, and other tissues. It helps in the metabolism of amino acids. Increased SGOT levels in the blood may indicate damage to the liver, heart, or muscles due to conditions such as hepatitis, liver disease, heart attack, or muscle injury. The SGOT test is commonly used along with other liver function tests to evaluate organ health and detect tissue damage.

BLOOD SUGAR(FASTING)		73	mg/dl	70-110
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ALKALINE PHOSPHATSE		80	IU/L	up to 280
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**Serum Bilirubin**

Total Bilirubin		0.90	mg/dl	0.2-1.4
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Direct Bilirubin		0.40	mg/dl	0.0-0.5
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Indirect Bilirubin	▲	0.50	mg/dl	0.0-0.4
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**Comment**

Serum Bilirubin is a blood test that measures the level of bilirubin, a yellow pigment produced during the normal breakdown of red blood cells. It is commonly used to assess liver function and to help diagnose conditions affecting the liver, bile ducts, or blood cells. Elevated bilirubin levels may be associated with jaundice, liver disease, bile duct obstruction, or increased red blood cell destruction. This test is an important part of evaluating liver health and monitoring various medical conditions.

\*\*\* End Of Report \*\*\*