

Patient Name : Mrs. SABRINA KHATOON

Age : 9Y Sex : Female

Ref. By : DR.M.HAQUE,B.U.M.S

Address :



Reg. No : SP-2026-0151

Collection Date : 19-06-2026

Reporting Date : 19-06-2026

Test	Flag	Result	Unit	Normal Range
HAEMATOLOGY				
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin	▼	9.5	gm/dL	10.5-14.5
RBC Count		4.13	mil/cu.mm	3.5-5.5
RBC INDICES				
Hematocrit (HCT)	▼	33.4	%	40-50
Mean Corp Volume (MCV)	▼	80.9		83-101
Mean Corp Hb (MCH)	▼	22.9	pg	27-32
Mean Corp Hb Conc (MCHC)	▼	28.3	gm/dL	31.5-34.5
RDW-SD		41.4	fl	
RDW-CV		14.3	%	11.0-17.0
Platelet Count		1.61	10 ⁶ /ul	1.50-4.50
MPV	▲	13.2		7-13
PWD		19.7	fl	
PCT		0.213	%	0.10-0.35
Total WBC Count		4300	10 ³ /ul	4000-11000
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils		43	%	40-70
Lymphocytes	▲	49		20-40
Monocytes		07	%	2-10
Eosinophils		01	%	1-6
Basophils		00	%	0-1
Differential Leucocyte Absolute Count				
Absolute Neutrophil		1.85	x10 ³ /Cu.mm	1.8-7.8
Absolute Lymphocyte		2.11	x10 ³ /Cu.mm	1.0-4.8
Absolute Monocyte		0.30	x10 ³ /Cu.mm	0-0.8
Absolute Eosinophil		0.04	x10 ³ /Cu.mm	0-0.45
Absolute Basophil		0.00	x10 ³ /Cu.mm	0-0.2

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BIOCHEMISTRY

Alanine Transaminase (SGPT/ALT)	▲	51	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 Bilirubin

Total Bilirubin	0.7	mg/dl	0.2-1.4
Direct Bilirubin	0.3	mg/dl	0.0-0.5
Indirect Bilirubin	0.40	mg/dl	0.0-0.4

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.

WIDAL TEST NEW

TYPHI "O"	1/160
TYPHI "H"	1/80
TYPHI "AH"	1/20
TYPHI "BH"	1/20
Result	Positive

Comment

Widal test is a serological test used to detect antibodies against Salmonella Typhi and Salmonella Paratyphi, the bacteria responsible for enteric fever (typhoid fever). The test measures agglutinating antibodies against O (somatic) and H (flagellar) antigens in the patient's serum. Results should be interpreted along with clinical findings and local baseline antibody titers, as prior vaccination or previous infection may influence the results.

*** End Of Report ***