

Pat. Name : Miss MUSKAN KUMARI
Age : 15Y/ Sex : Female
Ref. By : DR.GAUTAM KR GUPTA M.B.B.S., M.D.



Reg. No : DDC-2026-0030
Col. Date : 16-06-2026

Test	-	Result	Unit	Normal Range
HAEMATOLOGY				
COMPLETE BLOOD COUNT (CBC)				
Total WBC Count		7.0	10 ³ /ul	4-10
RBC INDICES				
RBC Count		4.18	mil/cu.m	3.5-5.5
Haemoglobin	▼	11.4	gm/dL	12-15
Platelet Count		2.27	10 ⁶ /ul	1.50-4.50
Hematocrit (HCT)	▼	33.8	%	37-46
Mean Corp Volume (MCV)	▼	80.7		83-101
Mean Corp Hb (MCH)		27.3	pg	27-32
Mean Corp Hb Conc (MCHC)		33.8	gm/dL	31.5-34.5
RDW-CV		12.7	%	11.0-17.0
MPV		12.7		7-13
PCT		0.287	%	0.10-0.35
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils	▲	72	%	40-70
Lymphocytes		21		20-40
Monocytes		06	%	2-10
Eosinophils		01	%	1-6
Basophils		00	%	0-1
ABSOLUTE DIFFERENTIAL COUNT				
Absolute Neutrophils Count		5.04	10 ³ /ul	2-7
Absolute Lymphocyte Count		1.47		1-3
Absolute Eosinophil Count	▼	0.07	10 ³ /ul	0.2-0.5
Absolute Monocyte Count		0.42		0.1-1
Absolute Basophils Count		0.00	10 ³ /ul	0-0.1

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Test	-	Result	Unit	Normal Range
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BIOCHEMISTRY

C-Reactive Protein (CRP Quantitative)

CRP (Quantitative)	▲	12	mg/L	00 - 6.0
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Comment

C-Reactive Protein (CRP) is a protein produced by the liver in response to inflammation in the body. The level of CRP in the blood increases when there is an infection, injury, or inflammatory condition. A CRP test helps doctors detect and monitor inflammation associated with diseases such as arthritis, bacterial infections, and heart disease. Higher CRP levels generally indicate greater inflammation, but the test does not identify the exact cause.

Liver Function Test (LFT)

Total Bilirubin	0.8	mg/dl	0.2-1.3
Direct Bilirubin	0.3	mg/dl	0.0-0.4
Indirect Bilirubin	0.50	mg/dl	0.2-0.7
Alkaline Phosphatase	78	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	16	U/L	5-35
Aspartate Transaminase (SGOT/AST)	25	U/L	8-40
SGOT/SGPT Ratio	1.56	Ratio	0-5
Total Protein	7.8	g/dl	6-8
Albumin	4.2	gm/dl	3.5-5.5
Globulin	3.60	g/dl	2.3-3.6
A/G Ratio	1.17		1.0-2.3

Comment

The Liver Function Test (LFT) is a group of blood tests used to assess the health and functioning of the liver. It measures different enzymes, proteins, and substances such as SGOT (AST), SGPT (ALT), ALP, bilirubin, albumin, and total protein. These tests help in diagnosing liver diseases like hepatitis, fatty liver, jaundice, liver infection, and liver damage caused by alcohol or medicines. Abnormal LFT values may indicate inflammation, blockage of bile ducts, or impaired liver function. LFT is also used to monitor the progress of liver disease and response to treatment.

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Test	-	Result	Unit	Normal Range
SEROLOGY				
Widal Slide Screen Test				
Widal Result		Positive		Negative
S. Typhi 'O' Antigen		Agglutination 1:160		No Agglutination
S. Typhi 'H' Antigen		Agglutination 1:320		No Agglutination
S. Paratyphi 'A' (H) Antigen		Agglutination 1:80		No Agglutination
S. Paratyphi 'B' (H) Antigen		Agglutination 1:80		No Agglutination

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Test	-	Result	Unit	Normal Range
Urine R/E Analysis for Pet's				
Urine Colour		Pale Yellow		Pale Yellow
Appearance		Clear		Clear
Urine pH		6.0		4.5 - 8.0
Specific Gravity		1.030		1.000 - 1.030
Urine Sugar (Glucose)		Absent		Absent
Urine Protein		Absent		Absent
Ketones		Absent		Absent
Urine Bilirubin		Absent		Absent
Urobilinogen		Absent		Absent
Blood		Not Present		Not Present
Nitrate		Not Present		Not Present
Leukocytes Esterase		Absent		Absent
Pus Cells		3 - 4	WBC /hpf	0 - 5 Nill
R.B.C.		18 - 20	RBC /hpf	0 - 2 Nill
Epithelial Cells		3 - 4	Epi Cells /hpf	0 - 5 Nill
Casts		Not Seen	/hpf	Not Seen
Crystals		Not Seen	/hpf	Not Seen
Other		Not Seen		Not Seen
Other		Not Seen		Not Seen

*** End Of Report ***