Apollo Medical Centre

(Promoters : Kurnool Hospital Enterprises Ltd.)

43-67/A,N.R. Peta, Kurnool - 518 004, Phone : (08518) 225888, 225889

Name	: **SHANTHA KUMARI**	**Bill Date** :	**05-Feb-2026 7:42 pm**
Age	: **31 Years**	**Sample No** :	**67**
Gender	: **Female**	**Smpl.Time** :	**05-Feb-2026 07:49 PM**
Bill No	: **QR12016**	**Report Date** :	**05-Feb-2026 8:45 pm**
Ref.Dr.	: **Dr.CHALLEPALLE BABURAO, DNB, D**	QR12016	

DEPARTMENT OF HAEMATOLOGY

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE BLOOD COUNT (CBC), WHOLE BLOOD EDTA				
HAEMOGLOBIN	**10.3**	gm/dl	11 - 16	EILS
RBC COUNT	4.60	millons/cmm	4.2 - 6.5	EILS
H C T	**33.9**	%	39 - 54	EILS
M C V	**73.6**	Flt.	82 - 98	EILS
M C H	**22.4**	Pg.	27 - 31	EILS
M C H C	**30.4**	%	32 - 36	EILS
WBCs	6800	/ cu mm	4000 - 10000	EILS
DIFFERENTIAL COUNT			-	
Polymorphs	68	%	40 - 75	EILS
Lymphocytes	28	%	20 - 45	EILS
Eosinophils	02	%	1 - 6	EILS
Monocytes	02	%	1 - 10	EILS
PLATELETS	3.52	Lakhs / cumm	1.5 - 4.5	EILS
PERIPHERAL SMEAR READING			-	
RBCs	Normocytic Normochromic.		-	Microscopic
WBCs	Within Normal Limits.		-	Microscopic
PLATELETS	Adequate.		-	Microscopic
PARASITES	Malarial Parasites not detected in the smear.		-	Microscopic
	No abnormal cells noted.		-	Microscopic
OPINION	NORMAL STUDY.		-	Microscopic
			-	
E.S.R	18	mm/hr	0 - 30	Westergren

*** END OF REPORT ***

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QR12016

Dr.C.C.MOHAN REDDY,
M.D (PATHOLOGY)
PATHOLOGIST

APOLLO MEDICAL CENTRE KURNOOL

KINDLY CORRELATE RESULTS WITH CLINICAL FINDINGS & DISCUSS IF NECESSARY.

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DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Bio. Ref. Range	Method
UREA				
UREA (BLOOD)	15	mg/dL	14 - 45	UV-GLDH

Urea is the major nitrogen containing metabolic product of protein catabolism. Increased in dehydration, severe vomiting, fever, severe infections, burns, high protein diet, acute GN etc
Decreased in low protein intake, starvation, anorexia nervosa, late pregnancy etc.

CREATININE				
CREATININE (SERUM)	0.6	mg/dl	0.6 - 1.3 Adult	Enzymetic
			0.3 - 1.0 Children	

Creatinine is produced at a fairly constant rate within an individual as a result of breakdown of Creatine within muscle tissue.
Creatinine is freely filtered at the glomerulus and predominantly excreted by the kidneys.
Increased - Old age, glomerulonephritis , pyelonephritis , renal failure , urinary obstruction, CCF , Dehydration , Shock, medicines
like amphotericin B, captopril , cephalosporins etc
Decreased - low muscle mass, females , Malnutrition , Drugs like - Tlianoide , Vancomycin etc.,

LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.3	mg/dL	0 - 1.0	DCA
DIRECT BILIRUBIN	0.1	mg/dL	0 - 0.3	DCA
S G P T (ALT)	18	U/L	0 - 42	Modified IFCC
S G O T (AST)	21	U/L	0 - 37	Modified IFCC
ALKALINE PHOSPHATASE	88	U/L	53 - 128	PNPP-AMP Buffer
TOTAL PROTIEN	7.9	gm/dL	6.6 - 8.8	Biuret
SERUM ALBUMIN	4.4	gm/dL	3.5 - 5.2	BCG
SERUM GLOBULIN	3.5	gm/dL	2.0 - 3.5	Calculated
A : G RATIO	1.2:1		-	

LFT are useful in detecting & diagnosing liver disease & dysfunction , as well as in evaluating severity , monitoring therapy & assessing prognosis. Predominantly elevation of AST and ALT suggests parenchymal liver or hepatitis. Predominant elevation of ALP and GGT suggests bile duct injury , cholestasis or cholangitis.

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Dr.SREELATHA. D
M.B.B.S, M.D
Consultant Biochemist

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DEPARTMENT OF SEROLOGY

Test Name	Result	Unit	Bio. Ref. Range	Method
C-REACTIVE PROTEIN CRP (QUANTITATIVE) , SERUM	1.7	mg/L	upto - 6	Nephelometry
			-	

Comment:

C-reactive protein (CRP) is one of the most sensitive acute-phase reactants for inflammation. Measuring changes in the concentration of CRP provides useful diagnostic information about the level of acuity and severity of a disease. Unlike ESR, CRP
levels are not influenced by hematologic conditions such as anemia, polycythemia etc.
Increased levels are consistent with an acute inflammatory process. After onset of an acute phase response, the serum CRP
concentration rises rapidly (within 6-12 hours and peaks at 24-48 hours) and extensively.Concentrations above 100 mg/L are
associated with severe stimuli such as major trauma and severe infection (sepsis).

RA FACTOR

RA FACTOR Quantitative	19.7	Iu/ml.	upto - 20	
Method - Turbilatex Method			-	

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