



# Shreshta Diagnostics

Spashta Sthira Sakaalika

A Unit of Dhanvantari Health Services

NAME : Mr. LIKHITH GOWDA C H  
AGE/SEX : 21 Yrs / Male  
REFERRED BY : Dr. BASAVARAJU S  
CONTACT NO. : 72047 26438

REG/LAB NO. : 24060762 / 4187  
DATE OF COLLECTION : 08-08-2024 at 12:37 PM  
DATE OF REPORT : 08-08-2024 at 02:05 PM



TEST PARAMETER	RESULT	REFERENCE RANGE
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## HAEMATOLOGY

### COMPLETE BLOOD COUNT(CBC)

HAEMOGLOBIN (Cyanmeth)	15.2 gm%	14 - 18 gm%
TOTAL WBC COUNT (Automated)	6000 cells/cumm	4000 - 11000 cells/cumm
DIFFERENTIAL COUNT		
NEUTROPHILS	60 %	40 - 70 %
LYMPHOCYTES	30 %	20 - 45 %
EOSINOPHILS	05 %	2 - 8 %
MONOCYTES	04 %	1 - 6 %
BASOPHILS	01 %	0 - 1 %
PLATELET COUNT (Automated / Verified in smear)	2.32 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm
RBC COUNT (Automated)	4.98 mill/cumm	4.5 - 6.5 mill/cumm
PACKED CELL VOLUME (PCV) (Automated)	42.9 %	36 - 54 %
M.C.V	86.2 fl	80 - 98 fl
M.C.H	30.6 pg	26 - 34 pg
M.C.H.C	35.5 %	31 - 38 %

Erythrocyte Sedimentation Rate (ESR)	15 mm/hr (H)	0 - 10 mm/hr
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### MALARIAL PARASITE (CARD TEST)

MALARIAL PARASITE	Negative
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## BIOCHEMISTRY

### RBS

RANDOM BLOOD SUGAR	99.4 mg/dl	70 - 150 mg/dl
RANDOM URINE SUGAR	NIL	

Lab Technician

Dr. Shruthi  
MBBS, MD  
Pathologist



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### SEROLOGY

#### C-REACTIVE PROTEIN (CRP)

4.9 mg/L

0 - 6 mg/L

Nephelometry (Mispa-i3)

**Interpretation:-** Reactive Protein (CRP) is an acute -phase protein found in concentrations of upto 5 ug/ml in the serum of healthy persons. However, during an inflammatory response or infection, the levels may increase by as much as one thousand fold. This increase in CRP levels in serum appears to be a nonspecific phenomenon but the change can be used to monitor the Erythrocyte sedimentation rate (ESR). The changes in concentration of CRP occur more rapidly than in the (ESR), Elevated levels of CRP can usually be demonstrated in cases of acute myocardial infarction, rheumatic arthritis, bacterial and viral infection, acute rheumatic fever with of without carditis and in several types of malignancies particularly those with metastasis.

#### WIDAL TEST

SALMONELLA TYPHI "O"

1:80

SALMONELLA TYPHI "H"

1:40

S.PARATYPHI "AH"

1:20 Dilution

S.PARATYPHI "BH"

1:20 Dilution

RESULT

SIGNIFICANT TITRES

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### CLINICAL PATHOLOGY

#### COMPLETE URINE ANALYSIS

##### PHYSICAL EXAMINATION - URINE

VOLUME	20 ml	
COLOUR	PALE YELLOW	
APPEARANCE	CLEAR	Clear

##### CHEMICAL EXAMINATION - URINE

pH (Strip)	6.0	5.0 - 8.0
SPECIFIC GRAVITY (Strip)	1.015	1.001 - 1.035
ALBUMIN (Strip/S.S.A test)	NIL	
URINE SUGAR [Glucose oxidase (Strip)]	NIL	
BILE SALTS (Hay's test)	ABSENT	
BILE PIGMENTS (Fouchet's test)	ABSENT	

##### URINE MICROSCOPY

PUS CELLS	3 - 4 /hpf
EPITHELIAL CELLS	1 - 2 /hpf
RBC's	NOT SEEN /hpf
CASTS	NOT SEEN
CRYSTALS	NOT SEEN

L- Low, H- High

Dispatched by: SAGAR

\*\*\*\* End of Report \*\*\*\*

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Lab Technician

Dr. Shruthi  
MBBS, MD  
Pathologist