|  |  |  |
| --- | --- | --- |
|  | **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 |
| **MALARIAL PARASITE (CARD TEST)** |  |  |
| **MALARIAL PARASITE** | NEGATIVE |  |
|  | **BIOCHEMISTRY** |  |
| **RBS** |  |  |
| **RANDOM BLOOD SUGAR** | 99.4 mg/dl | 70 - 150 mg/dl |
| RANDOM URINE SUGAR | NIL |  |



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**SEROLOGY**

**C-REACTIVE PROTEIN (CRP)**

*Nephelometry (Mispa-i3)*

4.9 mg/L 0 - 6 mg/L

**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"** **1:160**

**SALMONELLA TYPHI "H"** **1:80**

**S.PARATYPHI "AH"** 1:20 Dilution

**S.PARATYPHI "BH"** 1:20 Dilution

**RESULT** SIGNIFICANT TITRES



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**TEST PARAMETER RESULT REFERENCE RANGE**

**CLINICAL PATHOLOGY**

# COMPLETE URINE ANALYSIS PHYSICAL EXAMINATION - URINE

VOLUME 20 ml

### COLOUR PALE YELLOW

APPEARANCE CLEAR Clear

# CHEMICAL EXAMINATION - URINE

pH

*(Strip)*

### SPECIFIC GRAVITY

*(Strip)*

### ALBUMIN

*(Strip/S.S.A test)*

### URINE SUGAR

*[Glucose oxidase (Strip)]*

### BILE SALTS

*(Hay's test)*

### BILE PIGMENTS

*(Fouchet's test)*

# URINE MICROSCOPY

6.0 5.0 - 8.0

1.015 1.001 - 1.035

### NIL NIL

ABSENT ABSENT

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 \*\*\*\* Printed by: NIRANJAN GOWDA on 23-06-2024 at 09:33 PM



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