## 

[Hematology - Table No 0](#_dc1vr29w5khk)

[Lipid Profile - Table No 1](#_que5he8bq3em)

[Liver Function Test (LFT) - Table No 2](#_w9v5csq6yhpv)

[Renal Function Test (RFT) - Table No 3](#_ghnt0727x6oo)

[Stool R/E - Table No 4](#_vaft7ofdb61m)

[Urine R/E - Table No 5](#_80ayf51s0zyi)

[Urine Culture - Table No 6](#_dyuauzdva4p)

[Thyroid Function - Table No 7](#_1l27btd4u5h8)

[Iron Profile - Table No 8](#_9jq8e9lbo52k)

[Dengue combo serology screen - Table No 9](#_jdtsh0ez7286)

[Uric acid - Table No 10](#_iv6iofa8dq8h)

[Vitamin D3 - Table No 11](#_kpj665j451b3)

[Vitamin B12 - Table No 12](#_t85q1n5ovoxx)

[Blood sugar - Table No 13](#_wwb4efqw6vc7)

[Calcium - Table No 14](#_ty9s0k3bjp69)

[HbA1c- Table No 15](#_o2c2jj6gkixz)

[TSH- Table No 16](#_1fp88mvw690w)

[SPOT A:C - Table No 17](#_br4w8kurgqo)

[OBT- Table No 18](#_10sxjhfvyyyx)

[IPTH- Table No 19](#_24uj3mma1e3z)

[Amylase- Table No 20](#_w4brx0zhzxga)

[Serology - Table No 21](#_50hhb1xalifz)

[UPT- Table No 22](#_42uh7a3s55)

[VDRL- Table No 23](#_viigkh9q6w31)

[HIV- Table No 24](#_xr8lbcj5r7uw)

[HCV- Table No 25](#_tr055vbpy8fr)

[HBsAg- Table No 26](#_g2dhn1laoj4b)

[TPHA- Table No 27](#_mk7sorpq3s7)

## 

## Hematology - Table No 0

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| **COMPLETE BLOOD COUNT (CBC)**  **Total Leucocyte Count(TLC)** | <<TLC>> | /cumm | 4000 - 11000 | COULTER COUNTER |
| **Diﬀerential Leukocyte Count** |  |  |  |  |
| **(DLC)** |  |  |  |  |
| Neutrophil | <<Neutrophil>> | % | 45 - 75 |  |
| Lymphocyte | <<Lymphocyte>> | % | 20 - 45 |  |
| Monocyte | <<Monocyte>> | % | 2 - 8 |  |
| Eosinophil | <<Eosinophil>> | % | 1 - 6 |  |
| Basophil | <<Basophil>> | % | 0 - 2 |  |
| **Hemoglobin** | <<Hemoglobin>> | gm/dl | 13 - 18(M) 12-16(F) |  |
| **Platelets** | <<Platelets>> | /cumm | 150000 - 400000 |  |
| **RBC** | <<RBC>> | mill/cumm | 3.8 - 5.1 |  |
| **PCV** | <<PCV>> | % | 36 - 45 |  |
| **MCV** | <<MCV>> | fl | 76 - 96 | CALCULATED |
| **MCH** | <<MCH>> | pg | 26 - 34 | CALCULATED |
| **MCHC** | <<MCHC>> | % | 31 - 36 | CALCULATED |

## Lipid Profile - Table No 1

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| **LIPID PROFILE** |  |  |  |  |
| Cholesterol | <<Cholesterol>> | mg/dl | 0 - 250.0 | CHOD |
| Triglyceride | <<Triglyceride>> | mg/dl | 0 - 150.0 | ENZYMATIC |
| HDL Cholesterol | <<HDL Cholesterol>> | mg/dl | 40.0 - 65.0 | ENZYMATIC |
| LDL Cholesterol | <<LDL Cholesterol>> | mg/dl | 50.0 - 150.0 | ENZYMATIC |
| VLDL | <<VLDL>> | mg/dl | 2.0 - 40.0 | CALCULATED |
| Non-HDL | <<Non-HDL>> | mg/dl | 0.0 - 130 | CALCULATED |

## Liver Function Test (LFT) - Table No 2

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| **LIVER FUNCTION TEST (LFT)** |  |  |  |  |
| Total Bilirubin | <<Total Bilirubin>> | mg/dl | 0.0 - 1.0 | DIAZOTED SULPHANILIC |
| Direct Bilirubin | <<Direct Bilirubin>> | mg/dl | 0.0 - 0.3 | DIAZOTED SULPHANILIC |
| SGPT/ALT | <<SGPT/ALT>> | IU/L | 0 - 49 | IFCC |
| SGOT/AST | <<SGOT/AST>> | IU/L | 0 - 46 | IFCC |
| Alkaline Phosphatase | <<Alkaline Phosphatase>> | IU/L | 108 - 306 | PNPP-DEA |
| Total Protein | <<Total Protein>> | gm/dl | 6.3 - 8.4 | BIURET |
| Albumin | <<Albumin>> | gm/dl | 3.5 - 5.0 | BCG |
| Globulin | <<Globulin>> | gm/dl | 2.0 - 4.0 |  |
| A/G Ratio | <<AG Ratio>> | % | 31 - 36 |  |

## Renal Function Test (RFT) - Table No 3

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Urea | <<Urea>> | mg/dl | 15 - 45 | UREASE |
| Creatinine | <<Creatinine>> | mg/dl | 0.4 - 1.4 | enzymatic JAFFE |
| Sodium | <<Sodium>> | mEq/l | 135.0 - 145.0 | ISE |
| Potassium | <<Potassium>> | mEq/l | 3.5-5.0 | ISE |

## 

## Stool R/E - Table No 4

| **Test** | **Result** | **Unit** | **Method** |
| --- | --- | --- | --- |
| **Physical Examination** |  |  |  |
| Colour | <<Colour>> |  |  |
| Consistency | <<Consistency>> |  |  |
| Mucus | <<Mucus>> |  |  |
| Blood | <<Blood>> |  |  |
| **Microscopic Examination** |  |  |  |
| Parasite | <<Cyst of Parasite>> |  |  |
| Ova | <<Ova of Parasite>> |  |  |
| Cyst | <<cyst>> |  |  |
| Pus cells | <<Pus cells>> | /hpf |  |
| RBC | <<Red cells>> | /hpf |  |
| Yeast Cells | <<Yeast Cells>> | /hpf |  |
| Undigested food Particles | <<ufp>> | /hpf |  |
| Others | <<Others>> |  |  |

## 

## Urine R/E - Table No 5

| **Test** | **Result** | **Unit** | **Method** |
| --- | --- | --- | --- |
| **Physical Examination** |  |  | Physical |
| Colour | <<Colour>> |  |  |
| Appearance | <<Appearance>> |  |  |
| **Chemical Examination** |  |  | Dipstick |
| PH | <<PH>> |  |  |
| Sugar | <<Sugar>> |  |  |
| Albumin | <<Albumin>> |  |  |
| **Microscopic Examination** |  |  | Microscopy |
| Pus cells | <<Pus cells>> | /hpf |  |
| RBC | <<Red cells>> | /hpf |  |
| Epithelial cells | <<Epithelial cells>> | /hpf |  |
| Yeast Cells | <<Yeast Cells>> | /hpf |  |
| Crystals | <<Calcium Oxalate Crystals>> | /hpf |  |
| Casts | <<Granular Casts>> | /hpf |  |
| Others | <<Others>> | /hpf |  |

## Urine Culture - Table No 6

| **Test** | **Result** | **Method** |
| --- | --- | --- |
| Urine for Culture and Sensitivity | <<Result>> |  |

## Thyroid Function - Table No 7

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| **FREE THYROID FUNCTION TEST (FTFT)** |  |  |  |  |
| FT3 | <<FT3>> | pg/ml | 2.27 - 4.55 | CLIA |
| FT4 | <<FT4>> | ng/dl | 0.77 - 1.70 | CLIA |
| TSH | <<TSH>> | lU/ml | 0.35 - 4.75 | CLIA |

## Iron Profile - Table No 8

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Iron | <<Iron>> | μg/dl | 44.0 - 180.0 | FERENE |
| TIBC (Total Iron Binding Capacity) | <<TIBC>> | μg/dl | 250.0 - 450.0 | FERENE |
| Ferritin | <<UIBC>> | ng/ml | 10.0 - 200.0 | CLIA |
| Transferrin Saturation | <<TS>> | % | 12.0 - 45.0 |  |

## Dengue combo serology screen - Table No 9

| **Test** | **Findings** | **Method** |
| --- | --- | --- |
| Dengue IgG Antibody | <<IgG>> | ICT |
| Dengue IgM Antibody | <<IgM>> | ICT |
| Dengue NS1 Antigen | <<NS1>> | ICT |

## Uric acid - Table No 10

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| URIC ACID | <<Uric Acid>> | mg/dl | 2.6 - 6.0 (F)  3.5-7.2 (M) | URICASE |

## Vitamin D3 - Table No 11

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Vitamin D(25 HYDROXY  CHOLECALCIFEROL) | <<VD>> | ng/ml | Deficiency: < 20  Insufficiency: 20 - <29  Sufficient: 30-100  Toxicity : > 100 | CLIA |

## Vitamin B12 - Table No 12

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Vitamin B12 | <<VB>> | pg/ml | 180 - 914 | CLIA |

## Blood sugar - Table No 13

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Blood sugar Random | <<random>> | mg/dl | 70 - 140 | GOD-POD |
| Blood Sugar Fasting | <<fasting>> | mg/dl | 60 - 110 | GOD-POD |
| Blood Sugar PP | <<pp>> | mg/dl | 70 - 145 | GOD-POD |

## Calcium - Table No 14

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Calcium | <<Calcium>> | mg/dl | 8.0 - 10.2 | OCPC |

## HbA1c- Table No 15

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| HbA1c (Glycated Hemoglobin) | <<HbA1c>> | % | 4.0 - 6.0 | HPLC |

## 

## TSH- Table No 16

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| THYROID STIMULATING  HORMONE (TSH) | <<TSH>> | μIU/ml | 0.35 - 4.75 | CLIA |

## SPOT A:C - Table No 17

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Albumin/microalbumin in urine | <<A/M>> | mg/dl | 0 - 30 | NEPHELOMETRY |
| Urine Creatinine | <<Urine>> | mg/dl | 25-300 | ENZYMATIC |
| Albumin Creatinine Ratio (ACR) | <<ACR>> | µg/mg | Normal : < 30 Microalbuminuria : 30-299  Clinical albuminuria : > 300 |  |

## 

## OBT- Table No 18

| **Test** | **Result** |  |  | **Method** |
| --- | --- | --- | --- | --- |
| Stool Occult Blood | <<OBT>> |  |  | gFOBT |

## 

## IPTH- Table No 19

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| IPTH (INTACT PARATHYROID  HORMONE) | <<IPTH>> | pg/ml | 15.5 - 65.5 | CLIA |

## Amylase- Table No 20

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| Amylase | <<Amylase>> | IU/L | 0 - 96 | Spectrophotometer |

## Serology - Table No 21

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| HIV | <<HIV>> |  |  | ICT |
| HCV | <<HCV>> |  |  | ICT |
| HBsAg | <<HBsAg>> |  |  | ICT |
| VDRL | <<VDRL>> | TITRE | 1:8 | Flocculation |
| TPHA | <<TPHA>> |  |  | ICT |

## UPT- Table No 22

| **Test** | **Result** |  | **Method** |
| --- | --- | --- | --- |
| Urine Pregnancy | <<UPT>> |  | ICT |

## VDRL- Table No 23

| **Test** | **Result** | **Unit** | **Reference Range** | **Method** |
| --- | --- | --- | --- | --- |
| VDRL | <<VDRL>> | TITRE | 1:8 | Flocculation |

## HIV- Table No 24

| **Test** | **Result** |  | **Method** |
| --- | --- | --- | --- |
| HIV | <<HIV>> |  | ICT |

## HCV- Table No 25

| **Test** | **Result** |  | **Method** |
| --- | --- | --- | --- |
| HCV | <<HCV>> |  | ICT |

## HBsAg- Table No 26

| **Test** | **Result** |  | **Method** |
| --- | --- | --- | --- |
| HBsAg | <<HBsAg>> |  | ICT |

## TPHA- Table No 27

| **Test** | **Result** |  | **Method** |
| --- | --- | --- | --- |
| TPHA | <<TPHA>> |  | ICT |