



Kamal Diagnostic Center

Patient Name: Mr. Dummy Age / Sex: 23 YRS / M
Referred By: Dr. Self Date: 14/05/2021
Reg. no. 1024 UHID:
Collected on: 14/05/2021 Reported on: 14/05/2021 03:03 PM



1024

HAEMATOLOGY COMPLETE BLOOD COUNT (CBC)

| TEST | VALUE | UNIT | REFERENCE |
|--|-----------------|--------------|-----------------------|
| Hemoglobin | 14 | g/dl | 13 - 17 |
| Total Leukocyte Count | H 12,000 | cumm | 4,000 - 11,000 |
| Differential Leucocyte Count | | | |
| Neutrophils | 45 | % | 40 - 80 |
| Lymphocyte | H 45 | % | 20 - 40 |
| Eosinophils | 05 | % | 1 - 6 |
| Monocytes | 05 | % | 2 - 10 |
| Basophils | 00 | % | < 2 |
| Platelet Count | 4.0 | lakhs/cumm | 1.5 - 4.5 |
| Total RBC Count | 5.1 | million/cumm | 4.5 - 5.5 |
| Hematocrit Value, Hct | H 56 | % | 40 - 50 |
| Mean Corpuscular Volume, MCV | H 109.8 | fL | 83 - 101 |
| Mean Cell Haemoglobin, MCH | 27.5 | Pg | 27 - 32 |
| Mean Cell Haemoglobin CON, MCHC | L 25.0 | % | 31.5 - 34.5 |

Sachin
SAMPLE

Mr. Sachin Sharma
DMLT, Lab Incharge

AK Asthana
SAMPLE

Dr. A. K. Asthana
MBBS, MD Pathologist



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BIOCHEMISTRY

LIVER FUNCTION TEST (LFT)

| TEST | VALUE | UNIT | REFERENCE |
|----------------------------|--------------|-------------|------------------|
| Serum Bilirubin (Total) | 1.0 | mg/dl | 0.2 - 1.2 |
| Serum Bilirubin (Direct) | 0.2 | mg/dl | 0 - 0.3 |
| Serum Bilirubin (Indirect) | 0.80 | mg/dl | 0.2 - 1 |
| SGPT (ALT) | 17 | U/l | 13 - 40 |
| SGOT (AST) | 30 | U/l | 0 - 37 |
| Serum Alkaline Phosphatase | 67 | U/l | |
| Serum Protein | L 6.0 | g/dl | 6.4 - 8.3 |
| Serum Albumin | 3.7 | g/dl | 3.5 - 5.2 |
| Globulin | 2.30 | g/dl | 1.8 - 3.6 |
| A/G Ratio | 1.61 | | 1.1 - 2.1 |

KIDNEY FUNCTION TEST (KFT)

| TEST | VALUE | UNIT | REFERENCE |
|-------------------------|--------------|--------------|------------------|
| BUN | 9.34 | mg/dl | 7.9 - 20 |
| Serum Urea | 20 | mg/dl | 19 - 45 |
| Serum Creatinine | L 0.5 | mg/dl | 0.6 - 1.1 |
| Serum Calcium | 8.9 | mg/dl | 8.8 - 10.6 |
| Serum Potassium | 3.7 | mmol/L | 3.5 - 5.1 |
| Serum Sodium | 138 | mmol/L | 136 - 146 |
| Serum Uric Acid | 6.0 | mg/dl | 3.5 - 7.2 |
| Urea / Creatinine Ratio | 40.00 | | |
| BUN / Creatinine Ratio | 18.68 | | |

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LIPID PROFILE

| TEST | VALUE | UNIT | REFERENCE |
|--------------------------------|----------------|--------------|------------------|
| Total Cholesterol | 130 | mg/dl | 125 - 200 |
| Triglycerides | 190 | mg/dl | 25 - 200 |
| HDL Cholesterol | 56 | mg/dl | 35 - 80 |
| LDL Cholesterol | L 36.00 | mg/dl | 85 - 130 |
| VLDL Cholesterol | 38.00 | mg/dl | 5 - 40 |
| LDL / HDL | L 0.64 | | 1.5 - 3.5 |
| Total Cholesterol / HDL | L 2.32 | | 3.5 - 5 |
| TG / HDL | 3.39 | | |
| Non-HDL cholesterol | 74.00 | | |

Interpretation:

| Total Cholesterol (mg/dl) | HDL (mg/dl) | LDL (mg/dl) | Triglycerides (mg/dl) |
|---------------------------|-------------|-------------------------|-------------------------|
| Desirable <200 | Low <40 | Optimal <100 | Normal <150 |
| Borderline High 200-239 | High >60 | Near Optimal 100-129 | Borderline High 150-199 |
| High >240 | | Borderline High 130-159 | High 200-499 |
| | | High 160-189 | Very High >500 |
| | | Very High > 190 | |

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SEROLOGY & IMMUNOLOGY

| TEST | VALUE | UNIT | REFERENCE |
|------------------------------|--------------|------|-----------|
| Widal Test (Slide Method) | | | |
| Salmonella Typhi 'O' | 1:20 | | |
| Salmonella Typhi 'H' | 1:40 | | |
| Salmonella Typhi 'AH' | 1:160 | | |
| Salmonella Typhi 'BH' | 1:160 | | |

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CLINICAL PATHOLOGY

| TEST | VALUE | UNIT | REFERENCE |
|---------------------------------------|----------|--------------|-----------|
| Semen Examination | | | |
| Physical and Chemical Characteristics | | | |
| Quantity | 3 | ml | 2 - 3 |
| Colour | Whitish | | |
| Ph | Alkaline | | |
| Collection At | Lab | | |
| Liquefaction Time | 30 | min | |
| Semen Fructose | POSITIVE | | |
| Microscopic Examination | | | |
| Total Sperm Count | 155 | million/cumm | 60 - 200 |
| Rapid Progressive | 40 | % | |
| Sluggish Progressive | 30 | % | |
| Non Progressive | 10 | % | |
| Immotile | 10 | % | |
| Abnormal Forms | 10 | % | |
| Epithelial Cells | 01 | /HPF | |
| R.B.C. | 01 | /HPF | |
| Pus cell | 00 | /HPF | |

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CYTOLOGY

FNAC (Fine Needle Aspiration)

SPECIMEN : FNAC - <SPECIMEN NAME>

MICROSCOPIC EXAMINATION : <MICROSCOPIC EXAMINATION RESULT>

IMPRESSION : <IMPRESSION>

NOTE : <NOTE>



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ENDOCRINOLOGY

THYROID FUNCTION TEST (TFT)

| TEST | VALUE | UNIT | REFERENCE |
|----------------------------------|-------|-------------|-------------|
| Serum Triiodothyronine, T3 | 2.10 | ng/mL | 0.69 - 2.15 |
| Serum thyroxine, T4 | 59 | ng/mL | 52 - 127 |
| Thyroid-Stimulating Hormone, TSH | 3.0 | μ IU/mL | 0.3 - 4.5 |

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MISCELLANEOUS

Mantoux test

5 TU (0.1 ml) of tuberculin is given interdermally read after 48 hours.

ERYTHEMA - 06mm
INDURATION - 72 hrs
RESULTS - Negative

Interpretation:

Negative: Induration less than 05mm.
Equivcal: Induration between 05-09mm.
Positive: Induration 10mm or more.

~~~ End of report ~~~



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