

DEPARTMENT OF BIOCHEMISTRY

| | |
|---|--|
| Patient Name : Mr. VENKATASUBRAMANIAN SRINIVASAN | Age /Sex : 35 Y(s)/Male |
| Ref By : Dr. GENERAL PHYSICIAN | UMR No : UMR79584 |
| Bill Date : 14-Nov-22 09:18 am | Bill No : BIL139148 |
| Lab No : BIO/22/11/714 | Result No : RES363473 |
| Samp.Coll : 14-Nov-22 09:29 am | Auth. Tim : 14-Nov-2022 1:04 pm |
| Reported On : 14-Nov-22 01:04 pm | |

| <u>Parameter</u> | <u>Result</u> | <u>Biological Reference Interval</u> | <u>Method</u> |
|--|----------------|--|-----------------------|
| LIPID PROFILE: SERUM | | | |
| Triglycerides : | < 50 | BorderLine : 150 - 199 mg/dl High : 200 - 500 mg/dl Normal : < 150 mg/dl | GPO-Trinder End Point |
| Total Cholesterol : | 83 | < 200 mg/dl | CHOD-PAP End Point |
| HDL Cholesterol : | 37 | Undesirable : < 40 Optimal : 40 - 59 Desirable : > 60 | Enzymatic |
| VLDL Cholesterol : | 10 | 2 - 30 mg/dl | |
| LDL Cholesterol : | 36 | 0 - 100 mg/dl | |
| Cholestrol / HDL Ratio : | 2.24 | 1.0 - 3.5 | |
| BLOOD SUGAR FASTING AND POST PRANDIAL | | | |
| Fasting Blood Sugar : | 87 | 60 - 110 mg/dl | GOD-POD |
| Blood Sugar Post Prandial : | 119 | 110 - 140 mg/dl | |
| Serum Creatinine : | 0.7 | 0.4 - 1.4 mg/dl | Jaffe Kinetic |
| LFT- LIVER FUNCTION TESTS | | | |
| Total Bilirubin : | 0.9 | 0.2 - 1.2 mg/dl | Diazo |
| Direct Bilirubin : | 0.6 | 0.0 - 0.3 mg/dl | Diazo |
| Indirect Bilirubin : | 0.3 | 0.2 - 0.7 mg/dL | |
| SGPT : | 22 | 05 - 40 IU/L | IFCC - Kinetic |
| SGOT : | 17 | 05 - 40 IU/L | IFCC - Kinetic |
| AST / ALT -Ratio : | 0.77 | | |
| Alkaline Phosphatase : | 77 | 70 - 110 U/L | AMP Kinetic |

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|-------------------------------------|---------------|---|--------------------|
| Total Protein : | 7.1 | 6.4 - 8.3 gm/dl | Biuret Method |
| Serum Albumin : | 4.5 | 3.5 - 5.2 gm/dl | BCG Dye |
| Serum Globulin : | 2.6 | 2.0 - 3.5 g/dL | |
| Albumin / Globulin Ratio : | 1.73 | 1.2 - 2.2 | |
| Serum Uric Acid : | 7.9 | 3.5 - 7.2 mg/dl | Uricase-Peroxidase |
| Blood Urea Nitrogen(BUN) : | 19 | 6 - 21 mg/dl | |
| HbA1c : | 5.5 | Non Diabetic : 4 - 6 Good Control : 6 - 7 Fair Control : 7 - 8 Poor Control : 8 - 10 | Immunoturbidimetry |
| THYROID PROFILE | | | |
| T3-Free (Tri-iodothyronine-Free) : | 3.1 | 2.0 - 4.2 pg/mL | C L I A |
| T4-Free (Thyroxine - Free) : | 13.0 | 8.9 - 17.2 pg/ml | C L I A |
| TSH(Thyroid Stimulating Hormone). : | 2.8 | 0.3 - 4.5 µIU/ml | C L I A |

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PHH8349



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| Lab No : BIO/22/11/714 | Result No : RES363522 |
| Samp.Coll : 14-Nov-22 09:29 am | Auth. Tim : 14-Nov-2022 1:35 pm |
| Reported On : 14-Nov-22 01:35 pm | |

Parameter

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Biological Reference **Method**
Interval

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DEPARTMENT OF HAEMATOLOGY

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| Ref By : Dr. GENERAL PHYSICIAN | UMR No : UMR79584 |
| Bill Date : 14-Nov-22 09:18 am | Bill No : BIL139148 |
| Lab No : HEM/22/11/477 | Result No : RES363436 |
| Samp.Coll : 14-Nov-22 09:29 am | Auth. Tim : 14-Nov-2022 11:41 am |
| Reported On : 14-Nov-22 11:41 am | |

| <u>Parameter</u> | <u>Result</u> | <u>Biological Reference Interval</u> |
|------------------|---------------|--------------------------------------|
|------------------|---------------|--------------------------------------|

COMPLETE BLOOD PICTURE

| | | |
|----------------|---------------------|-------------------------|
| Haemoglobin | : 14.8 gm% | 13.0 - 17.0 gm% |
| RBC Count | : 5.3 Millions/cumm | 4.5-6.5 Millions/cumm |
| PCV | : 43 Vol% | 40 - 50 Vol% |
| Platelet count | : 2.6 Lakhs/Cumm | 1.5 - 4.5 Lakhs/Cumm |
| WBC Count | : 6,700 cells/cumm | 4000 - 11000 cells/cumm |

DIFFERENTIAL COUNT

| | | |
|-------------|--------|-----------|
| NEUTROPHILS | : 52 % | 40-75 % |
| LYMPHOCYTES | : 37 % | 20 - 45 % |
| EOSINOPHILS | : 04 % | 2-6 % |
| MONOCYTES | : 07 % | 2-8 % |
| BASOPHILS | : 00 % | 0 - 2 % |

SMEAR EXAMINATION

| | |
|-----------|-----------------------------|
| RBC | : Normocytic / Normochromic |
| WBC | : With In Normal Limits |
| Platelets | : Adequate |

BLOOD GROUPING & RH TYPING

| | | |
|-------------|------------|---------------|
| BLOOD GROUP | : " O " | Agglutination |
| RH TYPING | : POSITIVE | |

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| Bill Date : 14-Nov-22 09:18 am | Bill No : BIL139148 |
| Lab No : 139148 | Result No : RES363501 |
| Samp.Coll : 14-Nov-22 09:29 am | Auth. Tim : 14-Nov-2022 12:55 pm |
| Reported On : 14-Nov-22 12:55 pm | |

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PHT8119



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DEPARTMENT OF CLINICAL PATHOLOGY

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| Ref By : Dr. GENERAL PHYSICIAN | UMR No : UMR79584 |
| Bill Date : 14-Nov-22 09:18 am | Bill No : BIL139148 |
| Lab No : 139148 | Result No : RES363464 |
| Samp.Coll : 14-Nov-22 09:29 am | Auth. Tim : 14-Nov-2022 2:17 pm |
| Reported On : 14-Nov-22 02:17 pm | |

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|--|---------------|--------------------------------------|----------------------------|
| ESR - ERYTHROCYTE SEDIMENT RATE | | | |
| ESR - ERYTHROCYTE SEDIMENTATION RATE | : 10 | < 15 mm | |
| COMPLETE URINE EXAMINATION | | | |
| <u>PHYSICAL EXAMINATION:</u> | | | |
| Colour | : Pale Yellow | | |
| Appearance | : Clear | | |
| pH | : 6.0 | 5.5 - 7.0 | pH indicator |
| Specific gravity | : 1.025 | 1.010 - 1.025 | Bromthymol blue indicator |
| <u>CHEMICAL EXAMINATION:</u> | | | |
| Urine for Sugar | : Nil | 0 - 2.8 mmol/L | GOD-POD |
| Protein | : Nil | 0 - 0.15 g/L | protein error of indicator |
| Blood | : Nil | 0 - 10 Cells/ μ L | |
| Bilirubin | : Nil | 0 - 0 μ mol/L | Diazonium method |
| Ketone bodies | : Negative | 0 - 0 mmol/L | Nitroprusside reaction |
| <u>MICROSCOPIC EXAMINATION:</u> | | | |
| Pus Cells | : 1-2 | 0 - 5 /HPF | |
| Epithelial Cells | : 1-2 | 0 - 8 /HPF | |
| RBC COUNT | : Nil | 0 - 2 /HPF | |
| Casts | : Nil | | |
| Crystals | : Nil | | |
| Others | : Nil | | |

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PHT8119
Verified by



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