

DN-5266



NAME : Miss. SARITHA [24 Y/F]

REGISTRATION DATE : 16-Nov-2019 8:44 pm

REF BY : Dr. SATHYANARAYANAN

SAMPLE COLLECTED ON : 16-Nov-2019 08:47 PM

LAB NO : DN-20-4763

REPORT PRINTED ON : 18-Nov-2019 12:38 pm

| TESTNAME | VALUE | UNIT | REFERENCE RANGE | METHOD |
|----------|-------|------|-----------------|--------|
|----------|-------|------|-----------------|--------|

HAEMATOLOGY

CBC- ESR (COMPLETE BLOOD COUNT)-5 PART CELL COUNTER, EDTA BLOOD

| | | | | |
|-----------------|-------|------------|---------------|------------------|
| TOTAL WBC COUNT | 7,130 | cells/cumm | 4000 to 10500 | Impedance method |
|-----------------|-------|------------|---------------|------------------|

Differential Count

-

| | | | | |
|-------------|------|---|------------|----------------|
| NEUTROPHILS | 50.4 | % | 40% to 70% | Flow cytometry |
|-------------|------|---|------------|----------------|

Technology Used : Mindray 5 Part Haematology Analyser

| | | | | |
|-------------|------|---|------------|----------------|
| LYMPHOCYTES | 31.9 | % | 20% to 40% | Flow cytometry |
|-------------|------|---|------------|----------------|

| | | | | |
|-------------|------|---|----------|----------------|
| EOSINOPHILS | 13.2 | % | 4% to 7% | Flow cytometry |
|-------------|------|---|----------|----------------|

| | | | | |
|-----------|-----|---|-----------|----------------|
| MONOCYTES | 4.2 | % | 1% to 10% | Flow cytometry |
|-----------|-----|---|-----------|----------------|

| | | | | |
|-----------|-----|---|----------|------------------|
| BASOPHILS | 0.3 | % | 0% to 1% | Impedance method |
|-----------|-----|---|----------|------------------|

Technology Used : ULTIMA 5

| | | | | |
|------------------|------|-------|--------------|--------------|
| HAEMOGLOBIN (HB) | 12.7 | gm/dL | 12.5 TO 16.0 | Colorimetric |
|------------------|------|-------|--------------|--------------|

Technology Used : ADVIA 560

| | | | | |
|-----|------|---|-----------|------------|
| PCV | 36.8 | % | 37 to 47% | Calculated |
|-----|------|---|-----------|------------|

| | | | | |
|----------------|----------|-------|---|--------------|
| PLATELET COUNT | 2,45,000 | /cumm | New Born 84,000 to 478000/cumm after 1 week same as adult Adult 1.5 - 4.5 lakh/cumm | Colorimetric |
|----------------|----------|-------|---|--------------|

Technology Used : ADVIA 560

| | | | | |
|-----|------|-----------|--------------------|------------------|
| RBC | 4.21 | mill/cumm | 4.5 - 5.9mill/cumm | Impedance method |
|-----|------|-----------|--------------------|------------------|

| | | | | |
|-----|------|----|---------------|------------|
| MCV | 87.3 | fl | 71 - 99.74 fl | Calculated |
|-----|------|----|---------------|------------|

| | | | | |
|-----|------|----|----------------|------------|
| MCH | 30.2 | pg | 27.0 - 34.0 pg | Calculated |
|-----|------|----|----------------|------------|

| | | | | |
|------|------|---|-------------|------------|
| MCHC | 34.6 | % | 31.5 - 36 % | Calculated |
|------|------|---|-------------|------------|

| | | | | |
|-----|------|---|----------------|------------|
| RDW | 14.5 | % | 10.56 - 14.8 % | Calculated |
|-----|------|---|----------------|------------|

RDW is particularly helpful in separating iron deficiency anemia from thalassemia trait. Increased RDW is also useful in identifying red cell fragmentation, agglutination or dimorphic cell populations. Very high WBC, numerous large platelets, and auto agglutination result in falsely elevated RDW.

Technology Used : ULTIMA 5

Dr.A.GOWRI,DCP
(Pathologist)

Dr.M.SUSHAMA,MD,DNB
(Pathologist)

Lab In-Charge

FREEDA RUTH A
(MSC.Microbiologist)

User : DR.SUSHAMA

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Equipped with ADVIA 560 (Siemens 5 part Cell counter), Centaur CP(Siemens-Immunology analyzer)
Johnson & Johnson (Vitros- Dry Chemistry). Immulite 1000 for Prenatal Diagnosis, HBA1C D10 Biorad, Electrophoresis GenioS

Working hours 7am to 10pm (Monday to Saturday)

For Home Collection Call :7559 033 000 / 7559 066 000

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| ESR <i>Technology Used : MANUAL METHOD</i> <i>Technology Used : ADVIA 560</i> | 15 | mm/hr | 0 - 20 mm/hr | Modified Westergrens |
| BIOCHEMISTRY | | | | |
| VITAMIN D3, Serum <i>Technology Used : Mini Vidas Immuno Assay System - ELFA method</i> | < 8.1 | ng/mL | Deficient: <20 ng/ml Insufficient: 20-29 ng/ml Sufficient: 30-100 ng/ml Potential toxicity: >100ng/ml | ELFA |
| LIVER FUNCTION TEST (LFT),, Serum | | | | |
| BILIRUBIN TOTAL | 0.5 | mg/dL | 0.2-1.3 mg/dL | REFLECTOMETRIC |
| BILIRUBIN DIRECT | 0.2 | mg/dL | 0-0.2 mg/dL | REFLECTOMETRIC |
| BILIRUBIN INDIRECT | 0.3 | mg/dL | | REFLECTOMETRIC |
| SGOT | 24 | U/L | female-14-36 U/L male-17-59 U/L | REFLECTOMETRIC |
| SGPT | 25 | U/L | Male : 21 to 72 U/L Female : 09 to 52 U/L | REFLECTOMETRIC |
| ALKALINE PHOSPHATASE <i>Technology Used : VITROS 250</i> | 74 | U/L | ADULT :38-126U/L NEW BORN:40 - 300U/L CHILD :60 - 270U/L | REFLECTOMETRIC |
| TOTAL PROTEIN <i>Technology Used : Siemens - Dimension X Pand Plus</i> | 7.1 | gm/dL | 6.4 - 8.2 gm/dL | BIURET |
| ALBUMIN <i>Technology Used : VITROS 250</i> | 4.5 | g/dL | 3.5 -5.0-g/dL | REFLECTOMETRIC |
| GLOBULIN | 2.6 | gm/dL | | |

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OUR OTHER CENTRES - DANE DIAGNOSTICS

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email: danediagnosics@gmail.com

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Technology Used : VITROS 250
INTERPRETATION:

Liver function tests (LFTs), are a group of blood tests that evaluate the functioning of the liver and detect the presence of various liver diseases. If your liver isn't working properly, it can affect your overall health. That's because the liver plays lots of different roles of the body, such as storing fuel from food, making proteins the body needs, and helping to remove toxins. LFT may also be used to monitor the body's response to a specific course of treatment of diseases like cirrhosis or hepatitis

SERUM CREATININE, Serum

0.6 mg/dL

Male : 0.66- 1.25 mg/dL

REFLECTOMETRIC

Female : 0.52-1.04 mg/dL

Technology Used : VITROS 250

Report Status : Final

Note: Results to be interpreted in conjunction with medical history, clinical presentation & other findings.

----- END OF REPORT -----

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