

### LABORATORY REPORT

|              |                                              |                 |                               |
|--------------|----------------------------------------------|-----------------|-------------------------------|
| Name         | : ASHA RANI RAVINDRAN NAIR                   | File. No.       | : AAL02-406170                |
| DOB/Gender   | : 25-09-1955 (68 Yrs 9 Month 23 Days/Female) | Referral Doctor | : Self                        |
| Lab No.      | : 22242000314                                | Referral Clinic | : Citicare Medical Center LLC |
| Request Date | : 18-07-2024 21:04                           | Clinic File No  | : 43536                       |
| Insurance    | : No                                         |                 |                               |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result          | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-----------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                 |                     |              |                                      |
| RBC                                                        | 4.64            | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 13.0            | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 39.8            | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 85.8            | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 28.0            | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.7            | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 256             | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| WBC                                                        | 7.72            | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                 |                     |              |                                      |
| Neutrophils                                                | 60.3            | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 29.9            | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 6.2             | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 2.7             | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.9             | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0             | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                 |                     |              |                                      |
| Neutrophils (Absolute)                                     | 4.65            | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 2.31            | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.48            | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.21            | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.07            | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00            | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |
| <b><u>ERYTHROCYTE SEDIMENTATION RATE (ESR)</u></b>         |                 |                     |              |                                      |
| ESR (whole blood)                                          | 18 <sup>H</sup> | mmhr                | up to 15     | Modified Westergren                  |

These tests are accredited under ISO 15189:2012 unless specified by (\*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

**Dr. Solmaz Siddiqui**  
Laboratory Director  
DHA/LS/248469

Patient Sample Collected On : 18-07-2024 20:00:00  
Authenticated On : 18-07-2024 22:28:04  
Printed On : 18-07-2024 23:31:03

Received On : 18-07-2024 21:08:00  
Released On : 18-07-2024 22:33:08  
Reprinted On : 19-07-2024 05:28:28

**Padmapriya Kumareshan**  
Sr. Technician  
DHA-P-2992011

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| Request Date | : 18-07-2024 21:04                           | Clinic File No  | : 43536                       |
| Insurance    | : No                                         |                 |                               |

| Test Name | Result | Units | Ref. Range | Method |
|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

#### Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result | Units | Ref. Range                                                                     | Method     |
|---------------------|--------|-------|--------------------------------------------------------------------------------|------------|
| <b>Glucose(RBS)</b> | 101.00 | mg/dL | Fasting: 70 - 100<br>1 hr post eating: 70 - 187<br>2 hrs post eating: 70 - 134 | HK/G-6-PDH |

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Fluoride Plasma

|                           |      |       |           |                           |
|---------------------------|------|-------|-----------|---------------------------|
| <b>Creatinine (serum)</b> | 0.50 | mg/dL | 0.50-0.90 | Jaffe-Alkaline<br>Picrate |
|---------------------------|------|-------|-----------|---------------------------|

Please note Reference Range Reviewed w.ef 15/10/23

|             |       |       |               |             |
|-------------|-------|-------|---------------|-------------|
| <b>Urea</b> | 28.90 | mg/dL | 17.14 - 49.28 | Urease/GLDH |
|-------------|-------|-------|---------------|-------------|

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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### IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

| Test Name                                | Result       | Units              | Ref. Range                                                              | Method |
|------------------------------------------|--------------|--------------------|-------------------------------------------------------------------------|--------|
| <b>Hepatitis B surface Ag</b>            | 0.36         | Cutoff Index (COI) | Non Reactive: <0.90<br>Borderline: >= 0.90 to < 1.0<br>Reactive: >= 1.0 | ECLIA  |
| <b>Hepatitis B "s" Ag Interpretation</b> | Non-Reactive |                    | Non-Reactive                                                            |        |

Full HepB profile is recommended in case of a Reactive result. HBs Ag Index value is an instrument dependant value and should not be used for monitoring.

For monitoring HepB levels (track treatment), a quantitative viral load by PCR is advised.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 20/10/23

|                                            |              |                    |                                                                        |       |
|--------------------------------------------|--------------|--------------------|------------------------------------------------------------------------|-------|
| <b>Hepatitis C Virus Abs</b>               | 0.05         | Cutoff Index (COI) | Non Reactive: <0.90<br>Borderline: >= 0.90 to < 1.0<br>Reactive: >=1.0 | ECLIA |
| <b>Hepatitis C Virus Ab Interpretation</b> | Non-Reactive |                    | Non-Reactive                                                           |       |

Note: Patient with acute HCV infection may still be non-reactive for HCV abs ('diagnostic window'). Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 15/10/23

|                                    |              |                    |                                       |       |
|------------------------------------|--------------|--------------------|---------------------------------------|-------|
| <b>HIV I &amp; II Abs + p24 Ag</b> | 0.21         | Cutoff Index (COI) | Non Reactive: <1.0<br>Reactive: >=1.0 | ECLIA |
| <b>HIV Interpretation</b>          | Non-Reactive |                    | Non-Reactive                          |       |

Kindly note above test is just a screening test.

Note: Patients at a very early stage of infection may still be non-reactive for HIV Abs or detect p24 antigen. If HIV is suspected, a control sample is recommended in 4-6 weeks.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

----- End Of Report -----

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