



# **Laboratory Investigation Report**

BIBIN ALIAS ALIAS MATHAIKUDIYAL VARGHESE Name

DOB 07/09/1997 Age / Gender 26 Y 1 M / Male Referred by DR RASHMI

Serum

Sample Type :

Centre Peshawar Medical Center LLC

38684

Sample No. 2310286557

Ref No.

Collected 11/10/2023 18:00 Registered 11/10/2023 22:20

Reported 12/10/2023 00:20

#### **BIOCHEMISTRY**

**Test** Result Flag Unit **Reference Range** Methodology **C-REACTIVE PROTEIN (CRP)** 98.7 mg/L < 5.0 CH

> Please note change in reference range.

Immunoturbidimetry



**Dr. Adley Mark Fernandes** M.D (Pathology) **Pathologist** 

This is an electronically authenticated report

Dr. Vyoma V Shah M.D (Pathology) **Clinical Pathologist** 

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**HALEEM HAKKIM** Laboratory Technician Printed on: 12/10/2023 16:57

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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| HEMATOLOGY                     |        |      |                |                 |                                   |
|--------------------------------|--------|------|----------------|-----------------|-----------------------------------|
| Test                           | Result | Flag | Unit           | Reference Range | Methodology                       |
| COMPLETE BLOOD COUNT (CBC)     |        |      |                |                 |                                   |
| HEMOGLOBIN                     | 15.3   |      | g/dL           | 13.5 - 17.5     | Spectrophotometry (Oxyhemoglobin) |
| RBC COUNT                      | 5.2    |      | 10^6/μL        | 4.3 - 5.7       | Electrical Impedance              |
| HEMATOCRIT                     | 44.3   |      | %              | 38 - 50         | Calculation                       |
| MCV                            | 85.1   |      | fL             | 82 - 98         | Calculation                       |
| мсн                            | 29.5   |      | pg             | 27 - 32         | Calculation                       |
| МСНС                           | 34.6   |      | g/dL           | 32 - 37         | Calculation                       |
| RDW                            | 13     |      | %              | 11.8 - 15.6     | Calculation                       |
| RDW-SD                         | 39.4   |      | fL             |                 | Calculation                       |
| MPV                            | 10.4   |      | fL             | 7.6 - 10.8      | Calculation                       |
| PLATELET COUNT                 | 172    |      | 10^3/μL        | 150 - 450       | Electrical Impedance              |
| PCT                            | 0.2    |      | %              | 0.01 - 9.99     | Calculation                       |
| PDW                            | 16.9   |      | Not Applicable | 0.1 - 99.9      | Calculation                       |
| NUCLEATED RBC (NRBC)^          | 0.1    |      | /100 WBC       |                 | Flow Cytometry                    |
| ABSOLUTE NRBC COUNTA           | 0.01   |      | 10^3/uL        |                 | Calculation                       |
| EARLY GRANULOCYTE COUNT (EGC)^ | 0.6    |      | %              |                 | Flow Cytometry                    |
| ABSOLUTE EGC^                  | 0      |      | 10^3/uL        |                 | Calculation                       |
| WBC COUNT                      | 7.3    |      | 10^3/μL        | 4 - 11          | Electrical Impedance              |
| DIFFERENTIAL COUNT (DC)        |        |      |                |                 |                                   |
| NEUTROPHILS                    | 69     |      | %              | 40 - 75         | Flow Cytometry                    |
| LYMPHOCYTES                    | 24     |      | %              | 20 - 45         | Flow Cytometry                    |
| EOSINOPHILS                    | 0      |      | %              | 0 - 6           | Flow Cytometry                    |
| MONOCYTES                      | 6      |      | %              | 1 - 6           | Flow Cytometry                    |
| BASOPHILS                      | 1      |      | %              | 0 - 1           | Flow Cytometry                    |
| ABSOLUTE COUNT                 |        |      |                |                 |                                   |
| ABSOLUTE NEUTROPHIL COUNT      | 5      |      | 10^3/uL        | 1.6 - 8.25      | Calculation                       |
| ABSOLUTE LYMPHOCYTE COUNT      | 1.1    |      | 10^3/uL        | 0.8 - 4.95      | Calculation                       |
| ABSOLUTE MONOCYTE COUNT        | 0.6    |      | 10^3/uL        | 0.04 - 0.66     | Calculation                       |
| ABSOLUTE EOSINOPHIL COUNT      | 0      |      | 10^3/uL        | 0 - 0.66        | Calculation                       |
| ABSOLUTE BASOPHIL COUNT        | 0      |      | 10^3/uL        | 0 - 0.11        | Calculation                       |

Dr. Vyoma V Shah **Dr. Adley Mark Fernandes** M.D (Pathology) M.D (Pathology) **Pathologist Clinical Pathologist** 

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**MIDHUN MANIKANDAN GEETHA** 

**Laboratory Technologist** Printed on: 12/10/2023 16:57

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### **HEMATOLOGY**

**Test** Result Flag Unit **Reference Range** Methodology

**COMPLETE BLOOD COUNT (CBC)** 

Interpretation Notes: Please note update on CBC report format and changes in reference ranges.

Sample Type: EDTA Whole Blood

End of Report



**Dr. Adley Mark Fernandes** M.D (Pathology) **Pathologist** 

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