

**GNU Solidario Hospital**

Autovía del Norte 12485  
Las Palmas de Gran Canaria  
Spain

**LABORATORY REPORT**Name **Ana Betz**

Patient ID PAC001

Date 2011-08-25 08:32

Age 25y 10m 26d

Sex Female

Doctor Cameron Cordara

Test id B165AAF4

**COMPLETE BLOOD COUNT**

| Test Name  | Result | Normal Range | Units              |
|------------|--------|--------------|--------------------|
| Hemoglobin | 12     | 11.0 - 16.0  | g/dL               |
| RBC        | 3.3    | 3.5-5.50     | $10^6/\mu\text{L}$ |
| HCT        | 36     | 37.0-50.0    | %                  |
| MCV        | 83     | 82-95        | fL                 |
| MCH        | 28     | 27-31        | pg                 |
| MCHC       | 33     | 32.0-36.0    | g/dL               |
| RDW-CV     | 12     | 11.5-14.5    | %                  |
| RDW-SD     | 44     | 35-56        | fL                 |
| WBC        | 6.7    | 4.5-11       | $10^3/\mu\text{L}$ |
| NEU%       | 60     | 40-70        | %                  |
| LYM%       | 30     | 20-45        | %                  |
| MON%       | 8      | 2-10         | %                  |
| EOS%       | 2      | 1-6          | %                  |
| BAS%       | 0      | 0-2          | %                  |
| LYM#       | 2      | 1.5-4.0      | $10^3/\mu\text{L}$ |
| GRA#       | 4.7    | 2.0-7.5      | $10^3/\mu\text{L}$ |
| PLT        | 256    | 150-450      | $10^3/\mu\text{L}$ |
| ESR        | 2      | Up to 15     | mm/hr              |

Digitally signed by

*Dr. Cameron Cordara*

GNU Public Key : E44311F4

Test id : B165AAF4



# Labsmart Software Sample Letterhead

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yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M

Referred by : Self

Reg. no. : 1001



1001

Registered on : 17/10/2024 04:55 PM

Collected on : 17/10/2024

Received on : 17/10/2024

Reported on : 17/10/2024 04:55 PM

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## HAEMATOLOGY COMPLETE BLOOD COUNT (CBC)

| TEST                                   | VALUE         | UNIT         | REFERENCE          |
|--|---------------|--------------|--------------------|
| HEMOGLOBIN                             | 15            | g/dl         | 13 - 17            |
| TOTAL LEUKOCYTE COUNT                  | 5,100         | cumm         | 4,800 - 10,800     |
| DIFFERENTIAL LEUCOCYTE COUNT           |               |              |                    |
| NEUTROPHILS                            | 79            | %            | 40 - 80            |
| <b>LYMPHOCYTE</b>                      | <b>L 18</b>   | %            | <b>20 - 40</b>     |
| EOSINOPHILS                            | 1             | %            | 1 - 6              |
| <b>MONOCYTES</b>                       | <b>L 1</b>    | %            | <b>2 - 10</b>      |
| BASOPHILS                              | 1             | %            | < 2                |
| PLATELET COUNT                         | 3.5           | lakhs/cumm   | 1.5 - 4.1          |
| TOTAL RBC COUNT                        | 5             | million/cumm | 4.5 - 5.5          |
| HEMATOCRIT VALUE, HCT                  | 42            | %            | 40 - 50            |
| MEAN CORPUSCULAR VOLUME, MCV           | 84.0          | fL           | 83 - 101           |
| MEAN CELL HAEMOGLOBIN, MCH             | 30.0          | Pg           | 27 - 32            |
| <b>MEAN CELL HAEMOGLOBIN CON, MCHC</b> | <b>H 35.7</b> | %            | <b>31.5 - 34.5</b> |

**Clinical Notes:**

A complete blood count (CBC) is used to evaluate overall health and detect a wide range of disorders, including anemia, infection, and leukemia. There have been some reports of WBC and platelet counts being lower in venous blood than in capillary blood samples, although still within these reference ranges.

**Possible causes of abnormal parameters:**

|                        | High  | Low   |
|------------------------|---|---|
| <b>RBC, Hb, or HCT</b> | Dehydration, polycythemia, shock, chronic hypoxia | Anemia, thalassemia, and other hemoglobinopathies |
| <b>MCV</b>             | Macrocytic anemia, liver disease                  | Microcytic anemia                                 |
| <b>WBC</b>             | Acute stress, infection, malignancies             | Sepsis, marrow hypoplasia                         |
| <b>Platelets</b>       | Risk of thrombosis                                | Risk of bleeding                                  |

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