



Labsmart Software

Sample Letterhead

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yourlabname@gmail.com

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

Age / Sex : 28 YRS / M
 Referred by : Dr. Sachin Patil (MBBS)
 Reg. no. : 1017



1017

Registered on : 28/10/2024 06:10 PM
 Collected on : 28/10/2024
 Received on : 28/10/2024
 Reported on : 28/10/2024 06:11 PM

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**HAEMATOLOGY**

| TEST | VALUE | UNIT | REFERENCE |
|------------------------------|-------|------|-----------|
| DIFFERENTIAL LEUCOCYTE COUNT | | | |
| NEUTROPHILS | 64 | % | 40 - 80 |
| LYMPHOCYTE | 25 | % | 20 - 40 |
| EOSINOPHILS | 4 | % | 1 - 6 |
| MONOCYTES | 6 | % | 2 - 10 |
| BASOPHILS | 1 | % | < 2 |

| CELLS | INCREASED IN | DECREASED IN |
|--------------------|---|--|
| Neutrophils | Infection (bacterial or early viral), acute stress, acute and chronic inflammation, tumors, drugs (eg, G-CSF), diabetic ketoacidosis, leukemia (rare). | Aplastic anemia, drug-induced neutropenia, chemotherapy, folate or B12 deficiency, myelodysplasia, marrow infiltration, cyclic neutropenia, autoimmune or isoimmune neutropenia, Felty syndrome, hypersplenism, sepsis, viral marrow suppression, bone marrow failure syndromes. |
| Lymphocytes | Viral infection (especially infectious mononucleosis, pertussis), thyrotoxicosis, adrenal insufficiency, lymphoid leukemia/lymphoma, chronic infection, drug and allergic reactions, autoimmune diseases | Immune deficiency syndromes (eg, HIV), idiopathic drugs. |
| Monocytes | Inflammation, infection, malignancy, tuberculosis, myeloproliferative disorders (eg, CMML) | Depleted in overwhelming bacterial infection, hairy cell leukemia. |
| Eosinophils | Allergic states, asthma, drug sensitivity reactions, skin disorders, parasitic and certain fungal infections, Churg- Strauss syndrome, polyarteritis nodosa, response to malignancy (eg, Hodgkin disease, T-cell lymphoma, adenocarcinoma), eosinophilic pneumonia, hyper-eosinophilic syndrome, leukemia (eg, chronic eosinophilic leukemia), myeloid or lymphoid neoplasm with abnormalities of PDGF receptor (alpha or beta) or FGF receptor, mastocytosis | Depleted in overwhelming bacterial infection, hairy cell leukemia |
| Basophils | Hypersensitivity reactions, drugs, myeloproliferative disorders (eg, CML), basophilic or mast cell variant of acute or chronic leukemia, inflammatory reaction, certain infections, hypothyroidism | Not applicable. |

~~~ End of report ~~~

**Mr. Sachin Sharma**  
DMLT, Lab Incharge

**Dr. A. K. Asthana**  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.