



Yash M. Patel

Age : 21 Years

Sex : Male

PID : 555



Sample Collected At:

125, Shivam Bungalow, S G Road,
Mumbai

Ref. By: Dr. Hiren Shah



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

PLATELET COUNT

Investigation	Result	Reference Value	Unit
Primary Sample Type :	Blood		
PLATELET COUNT	320000	150000 - 410000	cumm
Electrical impedance			

Comments :

- Platelets are small, colorless cell fragments that help in blood clotting to prevent bleeding.

Low Platelet Count Causes :

- Viral infections, such as hepatitis C or HIV
- Certain medications, such as heparin, chemotherapy drugs, or antibiotics
- Autoimmune disorders, such as lupus or idiopathic thrombocytopenic purpura (ITP)
- Heavy alcohol consumption
- Bone marrow disorders, such as leukemia or myelodysplastic syndrome (MDS)
- Nutritional deficiencies, such as vitamin B12 or folate deficiency
- Pregnancy complications, such as preeclampsia or HELLP syndrome
- Certain genetic disorders, such as Wiskott-Aldrich syndrome or Fanconi anemia

High Platelet Count Causes :

- Chronic infections or inflammatory disorders, such as tuberculosis, hepatitis, or rheumatoid arthritis
- Trauma, surgery, or splenectomy (surgical removal of the spleen)
- Cancer or blood disorders such as leukemia, lymphoma, or myeloproliferative neoplasms (MPNs)
- Certain medications, such as aspirin, heparin, or estrogen
- Iron deficiency anemia or other nutritional deficiencies
- Genetic mutations or inherited conditions, such as essential thrombocythemia (ET) or familial thrombocytosis
- Smoking, obesity, or high cholesterol levels

Thanks for Reference

****End of Report****

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

(MD, Pathologist)

