



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

Hematocrit (HCT)

Investigation	Result	Reference Value	Unit
Primary Sample Type :	Blood		
Hematocrit (HCT) / Packed Cell Volume (PCV)			
HCT / PCV	57	High 40 - 50	%

Comments :

- A Hematocrit (HCT) Blood Test or packed-cell volume (PCV) Blood lab test determines the percentage of the blood that is composed of Red blood cells (RBCs). RBCs carry oxygen throughout your body. Having too few or too many red blood cells can be a sign of certain diseases.

Low HCT / PCV Causes :

- Anemia - Fatigue, weakness, shortness of breath, dizziness, pale skin
- Blood loss - Weakness, dizziness, pale skin, rapid heartbeat
- Nutritional deficiencies - Fatigue, weakness, shortness of breath, pale skin, brittle nails
- Kidney disease - Fatigue, weakness, shortness of breath, swelling in the legs
- Bone marrow disorders - Fatigue, weakness, shortness of breath, increased susceptibility to infections
- Chronic inflammation - Fatigue, weakness, joint pain, fever
- Hormonal imbalances - Fatigue, weakness, weight gain or loss, dry skin, hair loss
- Pregnancy - Fatigue, weakness, shortness of breath, dizziness, lightheadedness

High HCT / PCV Causes :

- Dehydration - Lack of fluids in the body
- Polycythemia vera - Bone marrow disorder that produces too many red blood cells
- Chronic obstructive pulmonary disease (COPD) - Lung disease that limits oxygen intake
- Congenital heart disease - Birth defects that affect heart function
- Living at a high altitude - Lower oxygen levels can stimulate the production of red blood cells
- Certain medications - Such as testosterone or erythropoietin (EPO), which stimulate red blood cell production

Thanks for Reference

****End of Report****

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

(MD, Pathologist)

