



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

ABSOLUTE BASOPHIL COUNT (ABC)

Investigation	Result	Reference Value	Unit
Primary Sample Type :	Blood		
ABSOLUTE BASOPHIL COUNT (ABC)	30	0 - 300	cells/mcL
Electrical Impedance, VCS			

Comments :

- Basophils play a role in the immune system's response to allergens and parasitic infections.

Low ABC Causes :

- Allergic reactions - Basophils are involved in the body's immune response to allergens, and an allergic reaction can cause an increase in their numbers.
- Chronic inflammation - Chronic inflammation caused by autoimmune diseases or infections can lead to an increase in the number of basophils.
- Myeloproliferative disorders - Certain blood disorders, such as chronic myeloid leukemia or polycythemia vera, can cause an increase in the number of basophils.
- Hypothyroidism - In some cases, a high absolute basophil count can be associated with an underactive thyroid gland.

High ABC Causes :

- Acute infections - During acute infections, the number of basophils in the bloodstream may decrease.
- Stress - Stress hormones can suppress the production of basophils.
- Hyperthyroidism - In some cases, a low absolute basophil count can be associated with an overactive thyroid gland.
- Treatment with certain medications - Certain medications, such as corticosteroids, can cause a decrease in the number of basophils.

Thanks for Reference

****End of Report****

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

(MD, Pathologist)

