



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 EOSINOPHIL COUNT (AEC)

Investigation	Result	Reference Value	Unit
Primary Sample Type :	Blood		
ABSOLUTE EOSINOPHIL COUNT (AEC)	10	0 - 500	cells/mcL
Electrical Impedance, VCS			

Comments :

- Eosinophils are a type of white blood cell that plays a role in the immune system's response to allergies and parasitic infections.

Low AEC Causes :

- Steroid medication use - Long-term use of corticosteroids
- Sepsis - A bacterial or fungal infection that has spread throughout the body
- Chemotherapy - Cancer treatment that can suppress the bone marrow
- Autoimmune diseases - Systemic lupus erythematosus (SLE), rheumatoid arthritis
- Bone marrow disorders - Aplastic anemia, myelodysplastic syndrome
- Malnutrition - Severe malnutrition, especially protein deficiency
- Overwhelming parasitic infections - Strongyloidiasis, visceral larva migrans

High AEC Causes :

- Allergic reactions - Food allergies, medication allergies, seasonal allergies, insect bites or stings, hay fever
- Parasitic infections - Hookworm, schistosomiasis, filariasis, toxocariasis
- Asthma - Uncontrolled asthma, exercise-induced asthma
- Autoimmune diseases - Churg-Strauss syndrome, eosinophilic granulomatosis with polyangiitis (EGPA)
- Skin disorders - Eczema, dermatitis herpetiformis
- Blood disorders - Chronic eosinophilic leukemia, hypereosinophilic syndrome

Thanks for Reference

****End of Report****

Medical Lab Technician
(DMLT, BMLT)

Dr. Payal Shah
(MD, Pathologist)

Dr. Vimal Shah
(MD, Pathologist)



Sample Collection



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