

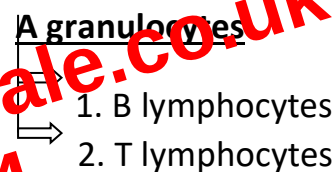
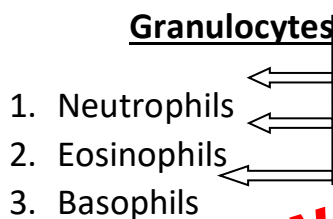
- Gases :- Oxygen, Carbon dioxide & Nitrogen

(B) White blood cells (Leukocytes) :- These consists of less than 1% of total blood volume. WBC's are mainly responsible for providing defense mechanism against several infectious and harmful foreign body agents which can cause different types of infection to our body.

When the count of WBC goes higher than normal, it indicates entry of infectious agents to our body.

- Life span :- **13 – 20 Days**
- Normal range :- **4,000 – 11,000 per micro liter**

- There are mainly 2 types of white blood cells...



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- **Granulocytes** :-

- 1. Neutrophils** :- These are mainly responsible for stopping the entry and spread of foreign body substances to our body and also to remove waste materials out from our body.
- 2. Eosinophils** :- Eosinophils are mainly responsible for engulfment or phagocytosis of foreign body agents who entered to our body and present in our blood stream.
- 3. Basophils** :- Basophils have a specific role as they got activated after any allergic reaction of our body and tends to increase in number in case of any allergy.

- **Agranulocytes**

- 1. Monocytes** :- These are mainly responsible for providing defense mechanism and back up support to our body when it fights against chronic and severe infectious agents.