

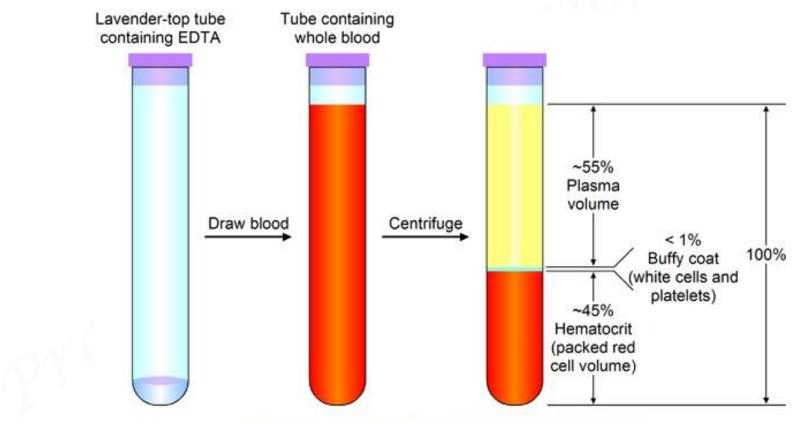
Topic Blood Group Test



B.Sc. 3rd
Practical of Zoology

OF ZOOLOGY

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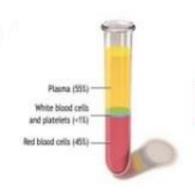
2. Plasma vs. serum

•Plasma is the liquid, cell-free part of blood, that has been treated with anti-coagulants.

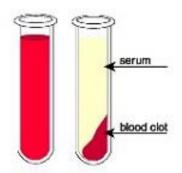
Anticoagulated

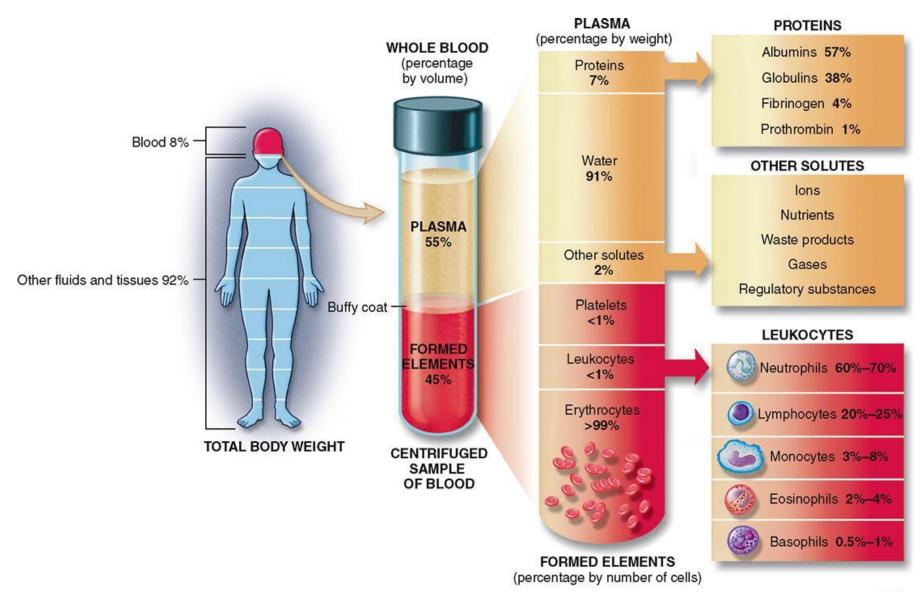
Serum is the liquid part of blood AFTER coagulation, therfore devoid of clotting factors as fibrinogen.

Clotted

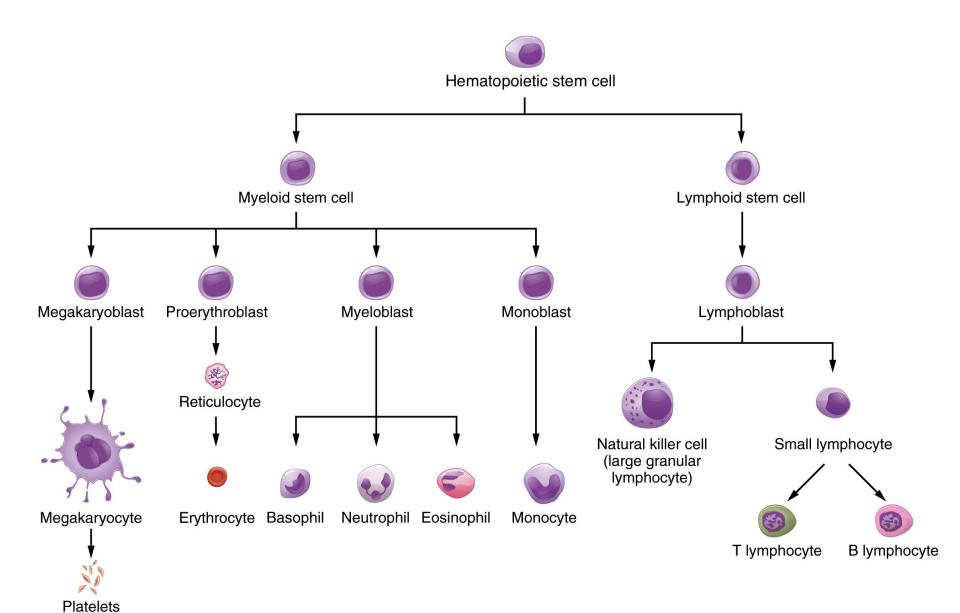


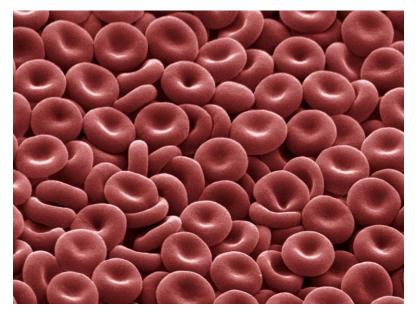
•serum= plasma - fibrinogen

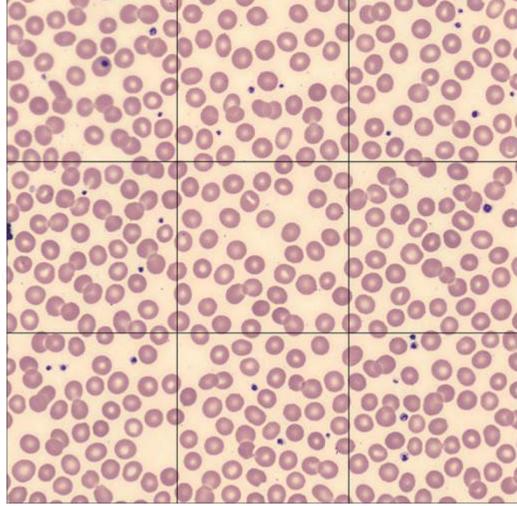


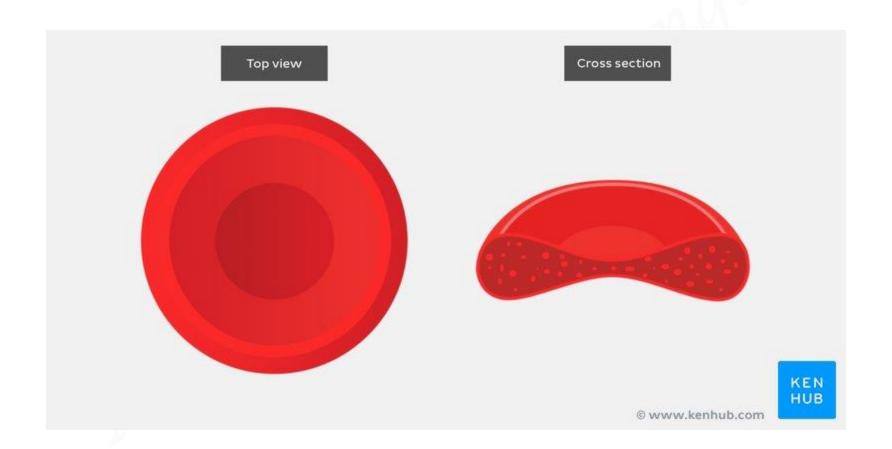


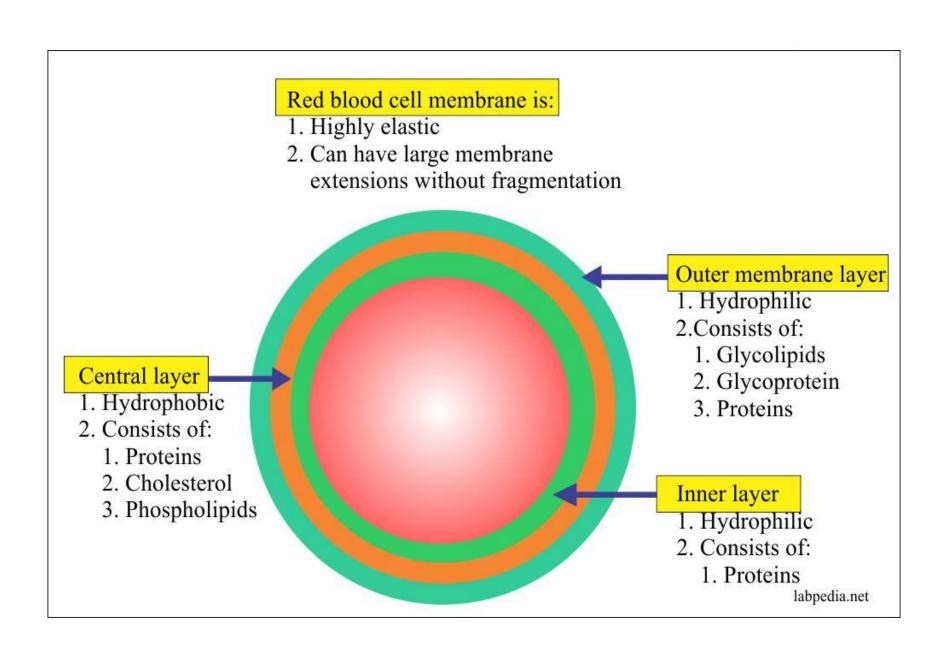
Parameter	Normal Range (men)	Normal Range (women)
Hematocrit	42–52%	36–48%
White Blood Cell (WBC)	5,000–10,000/mL	5,000–10,000/mL
Red Blood Cell (RBC)	$4.5 - 5.5 \times 10^6 / \text{mL}$	$4.0-5.0 \times 10^6 / \text{mL}$
Platelet	$1.4-4.0 \text{x} 10^5/\text{mL}$	$1.4-4.0 \times 10^5 / \text{mL}$
	winer.	











ABO Blood Groups

