

Plasma

- 92% of plasma is H₂O.
- Plasma is yellow-ish liquid.
- The other 8% of plasma are proteins:

1. Albumins - transport lipids in the blood.
2. Globulins - antibodies (Immunoglobulins) which defend against pathogens.
3. Fibrinogens - fibers that help clot blood (along with platelets).

* Liver makes most of these proteins.

SERUM = plasma with clotting proteins are removed.

HEMOSTASIS = blood clotting

Three Stages:

1. VASCULAR PHASE - blood vessel contracts, limiting blood loss.
2. PLATELET PHASE = platelets attach to the injury site, forming a plug to stop bleeding.

3. COAGULATION PHASE

= blood itself clots up (coagulates)

→ Fibrinogen forms a net/web, trapping more platelets, sealing the wound.

HEMOPHILIA = inherited disease, where a person's cannot clot.

