

PLASMA COMPONENTS

Water: 90% of plasma volume

Solutes:

A. Proteins

1. Albumin: 60% of all plasma proteins. Hydrostatic pressure & blood buffer.
2. Globulins:
 - *Alpha & Beta: liver, transport.
 - *Gamma: antibodies
3. Clotting. Some = liver.
4. Others: Clotting, Enzymes, Hormones, etc.

B. Non-protein Nitrogenous:

Urea, Lactic Acid, Creatinine, etc.

C. Nutrients: glucose, vitamins, A.A.s, etc.

D. Electrolytes: Na, Cl, K, Ca, H, etc.

E. Respiratory Gases: O₂ & CO₂