Plasma Protein

- Plasma proteins, are proteins present in blood plasma.
- They serve many different functions, including transport of lipids, hormones, vit & minerals.
- Participate in activity and functioning of the immune system

- Other blood proteins act as enzymes, complement components, protease inhibitors or kinin precursors.

- Haemoglobin is carried within red blood cells, rather than in the blood serum.

- Serum albumin accounts for approx 50% of blood proteins, is a major contributor to maintaining the pressure of plasma and act, as a carrier, in the transport of lipids and steroid hormones.

- Globulins make up 38% of blood proteins and transport ions, hormones, and lipids also involve in immune function.

- Fibrinogen comprises 7% of blood proteins; conversion of fibrinogen to insoluble fibrin is essential for blood clotting mechanism.

- The remainder of the plasma proteins are regulatory proteins, such as enzymes, proenzymes, and hormones.

- All blood proteins are synthesized in liver except for the gamma immunoglobulins.