

Research

Research shows that plasma donation is safe, and the National Institutes of Health (NIH) emphasize that there is no risk of getting the wrong blood back. Also, the FDA and other health authorities regulate the equipment and procedure of plasma donation.

Project

Plasma, also called blood plasma, the liquid portion of blood. Plasma serves as a transport medium for delivering nutrients to the cells of the various organs of the body and for transporting waste products derived from cellular metabolism to the kidneys, liver, and lungs for excretion.

PLASMA BLOOD

Benefits

Helps maintain blood pressure and volume.
Supply critical proteins for blood clotting and immunity.
Carries electrolytes such as sodium and potassium to our muscles.
Helps to maintain a proper pH balance in the body, which supports cell function.

Data

Blood plasma has a density of approximately 1,025 kg/m³ (1.025 g/ml). Blood serum is blood plasma without clotting factors. Plasmapheresis is a medical therapy that involves blood plasma extraction, treatment, and reintegration.