

IDEATION PHASE LITERATURE SURVEY

DATE	12 November 2022
TEAM ID	PNT2022TMID46635
PROJECT NAME	PROJECT – PLASMA DONOR APPLICATION

LITERATURE SURVEY:

Several experiments have been carried out over the years by different groups of researchers. Here are some of the following groups:

1. Denuis O'Neil **(1999)**. "Blood component" Archived from the original on June 5, 2013. Normally, certain amount of human body weight comes from blood. For adults, it is 4-6 liters of blood. This essential liquid plays an important role in transporting oxygen and nutrients to cells and removing carbon dioxide, ammonia and other waste products. Blood is a very common tissue composed of over 4000 different types of components.
2. Ways to keep your plasma healthy, Original Archived November 1, **2013**, Accessed November 11, 2011. Plasma donation is one of the most accepted practices for saving lives, while earning a few dollars. The whole process can take some time, but it's well worth it once you experience it a few times. Accepting money in exchange for plasma is welcome. It's a move when you feel like you're not just a hero, but you're adding value to yourself. The term "healthy" does not mean only in the absence of disease. It also means that you are healthy enough.
3. Ripathis S, Kumar V, Prabhakar A, Joshi S, Agarwal A **(2015)**. "Microscale Passive Plasma Separation: A Review of Design Principles and Micro devices," J. Micromech Micro 25 (8): 083001; Plasma separation is of great importance in the fields of diagnosis and healthcare. Due to the lagging transition to micro scale, these recent trends are a rapid shift towards shrinking complex macro processes
4. Guo, Weijin; Hansson, Jonas; van der wijngaart, Wouter**(2020)**. "Synthetic Paper

Separates Plasma from Whole Blood with Low Protein Loss”. Analytical Chemistry.92 (9): 6194-6199

5. CMR Technical Campus, India. Kalpana Devi Guntoju, Tejaswini Jalli, Sreeja Uppala, Sanjay Malliseti**(2022)**. The main goal of our project is to design a userfriendly web application that is like a scientific vehicle a rapid process to find plasma.

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