

## 50ML BLOOD-SEP-FILTER TUBE

BLOOD-SEP-FILTER tubes are designed to separate the mononuclear cells (MNC). This method has been developed by ESQUIRE (Leuco-sep). To be performed under normal room temp.

1. Pipet 16 ml Lymphoprep\* into the **BLOOD-SEP-FILTER** tube.
2. Centrifuge at 1000 G for 30 seconds at room temp.
3. Pour 15-30 ml freshly anticoagulated blood into the tube. The blood does not have to be diluted, but can be diluted directly into the tube with a balanced salt solution.
4. Centrifuge at 1000 G for 10 min. (or 800 G for 15 min.)
5. After centrifugation the sequence of the tube content will be as follows:  
Plasma-MNC-Lymphoprep-Filter-Lymphoprep-Erythrocytes.
6. MNC can be collected and transferred by a Pasteur pipet, or directly poured to another tube.
7. Wash the MNC by adding 10 ml PBS and resuspend the cells by gentle aspiration with a pasteur pipet. Centrifuge at 250 G for 10 min. at room temp.
8. Repeat step twice, resuspending the pellet in 5 ml PBS.
9. The Lymphocytes are now ready to pickup and stored in cryogenic vials.

\*Separation-solution is available as:  
Lymphoprep (Nycomed Amersham)

03-7100S 50ml Blood-Sep-Filter 20x25 pc zip bag Steril

