Protocol Lympho 24+ Spin Medium

Lympho Spin Medium for the preparation of PBMC.

Directions for use

Check that recommended medium, blood sample, density gradient medium and centrifuge are all at room temperature.

Layer over density gradient medium

1. Dilute sample with Wash Buffer or PBS. See table for recommendations:

Whole Blood (ml)	Wash Buffer (ml)	Density Gradient Medium (ml)	Tube Size (ml)
1	2	2	15
3	6	3	15
5	10	3	15
15	15	15	50

2. Layer the diluted sample on top of the density gradient medium

Spin

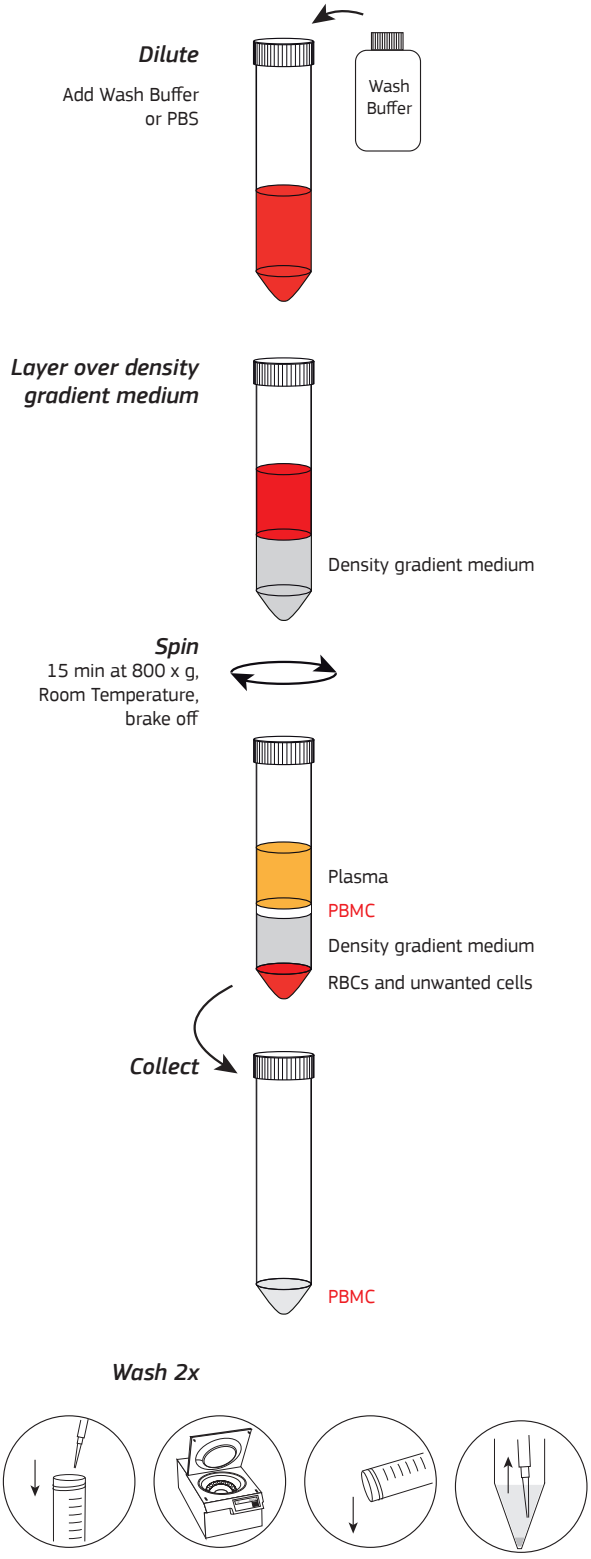
3. Centrifuge for 15 minutes at 800 x g at room temperature with the **brake off**.

Collect

4. Carefully remove the PBMCs from the density gradient medium: plasma interface.
5. After collecting the cells from the interface into a fresh tube – vortex for 5 sec. to break up aggregation

Wash

6. Fill up reaction tube with wash buffer.
7. Spin down cells 10 minutes with 300 x g (no or small brake) at 4°C.
8. Pour out supernatant, leave the reaction tube on the table for 10 sec. Wash buffer excess will run down from the tube wall and collect at the bottom.
9. Aspirate most of the liquid above the pellet. (The liquid will look foggy, these are mostly platelets – aspiration will improve washing result)
10. Reconstitute pellet with 1 ml of wash buffer by carefully pipetting
11. Repeat steps 6 to 9.
12. Reconstitute pellet at your desired volume.



pluriSelect Life Science - Worldwide
Deutscher Platz 5c, 04103 Leipzig, Germany
Phone: +49 341 333858-0 | Fax: +49 341 333858-99
support@pluriselect.com
www.pluriselect.com

pluriSelect - USA
8912 Bancroft View Drive, San Diego (Spring Valley), CA 91977, US
Phone: +1 619 9289265 | Fax: +1 619-467-0746
support.usa@pluriselect.com
www.pluriselect.com