Leucosep tubes

Leucosep tubes allow you to simplify the separation of peripheral blood mononuclear cells (PBMCs) from whole blood through FICOLL® density gradient separation. Leucosep tubes have a porous barrier of high grade polyethylene.

By eliminating the need to overlay the peripheral blood, the barrier makes the process easier. After centrifugation is complete, the barrier prevents the PBMC layer from being re-contaminated with unwanted cellular material.

Advantages of Leucosep tubes

- Pre-filled with FICOLL-PAQUE® PLUS
- Simplified blood pouring onto the barrier and the FICOLL
- Reliable and robust preparation of PBMCs
- Reduces processing time

Method

Simply pour the blood sample (diluted 5:3 parts RPMI cell culture medium) into the Leucosep tube and centrifuge at 1000 RCF (g) for ten minutes at room temperature.

Remove the PBMC layer and proceed to cell washing and counting steps.

>95% clinical concordance with standard FICOLL layering using fresh and stored blood in both low and high risk donors.¹

REFERENCE


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