

TwinSpin pre-filled with Density Media

DGM	Quantity	max. Vol.	Order No.
Leuko Spin	50 Tubes	6 ml	45-91006-10
PBMC Spin	50 Tubes	6 ml	45-92006-10
PBMC 24+	50 Tubes	6 ml	45-93006-10
PLT Spin	50 Tubes	6 ml	45-94006-10

Facts & Features

- ✓ Combines density gradient cell separation with the precision of pipetting
- ✓ Enrich cells with high yield and a maximum viability
- ✓ Usable with standard protocols for density gradient centrifugation
- ✓ Isolate from whole blood, buffy coat or cord blood
- ✓ Enrichment of untouched specific cells in combination with pluriSpin negative cell separation
- ✓ Usable for sample preparation for magnetic cell separation
- ✓ No training or special equipment required

Pre-filled with Density Gradient Media for Cell Enrichment

Spin Medium	Enriched Cell Population
Leuko Spin Medium	All Leukocytes (PBMC, PMNC, granulocytes)
PBMC Spin Medium	Mononuclear cells (PBMC)
PBMC 24+ Spin Medium	Mononuclear cells from 8 - 48 hours old peripheral blood
PLT Spin Medium	Platelets

PBMC (peripheral blood mononuclear cells), PMNC (polymorphonuclear cells)

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www.pluriselect.com/products/twinspin.html

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Fill-Spin-Drop

TwinSpin

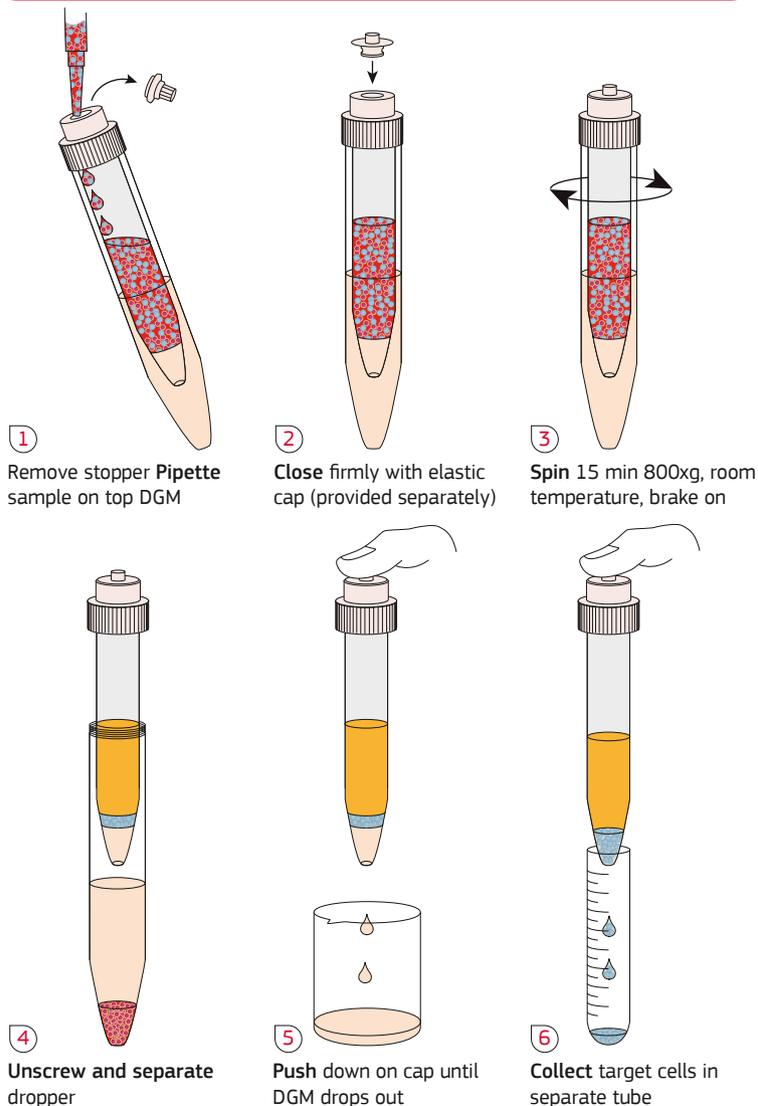
The NEW kind of Density Gradient Separation



 **pluriSelect**
usa

pluriSelect develops products optimized for cell and particle separation for life sciences and biomedical research.

Workflow



Advantages using TwinSpin

- ✓ Best Cost-Value-Ratio
- ✓ Minimum handling - minimum cell stress
- ✓ No shaky pipetting
- ✓ Ideal for small cell counts
- ✓ Customized pre-filling possible

Data

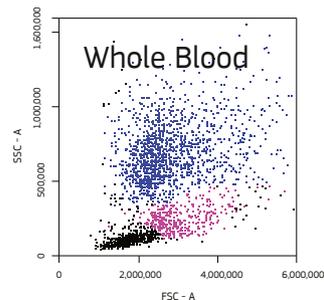


Fig. 1: Whole blood, major cell populations*

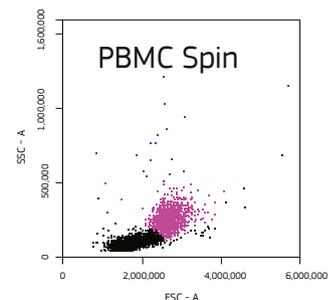


Fig. 2: Enriched PBMC with PBMC Spin Medium*

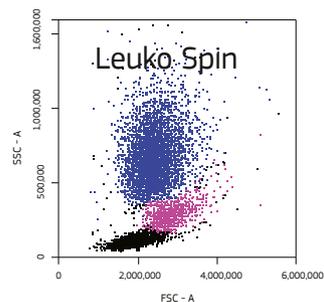


Fig. 3: Enriched white blood cells with Leuko Spin Medium*

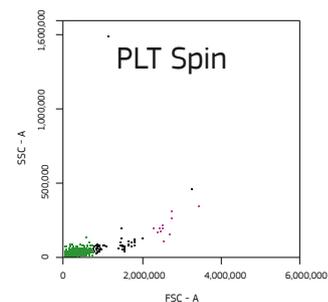


Fig. 4: Enriched platelets with PLT Spin Medium*

The major white blood cell populations of whole blood (Fig. 1) with interest for research and development are lymphocytes (black), monocytes (pink), granulocytes (blue) and platelets (green). The usage of the Spin Media allows enriching the different cell populations for a wide range of downstream applications.

PBMC 24+ Spin Medium - access to old blood - improve your results

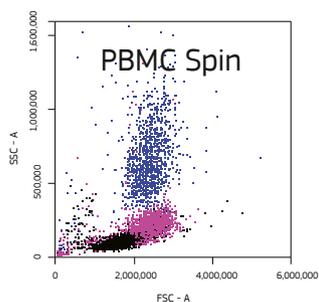


Fig. 5: Enriched PBMC with PBMC Spin Medium from blood 24 hours after blood donation*

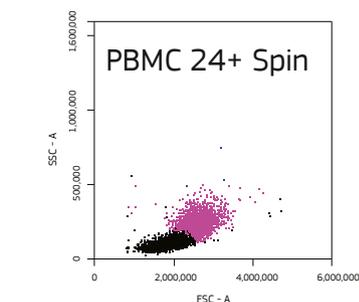


Fig. 6: Enriched PBMC with PBMC 24+ Spin Medium from blood 24 hours after blood donation*

Most density gradient media are limited for the use of fresh whole blood. PBMC 24+ Spin Medium is recommended for the use of whole blood that is older than 8 hours. This medium helps to reduce the time dependent contamination of the PBMC fraction with granulocytes and debris (see Fig. 5 and Fig. 6).

*Flow cytometry analysis was gated on CD45+ cells.