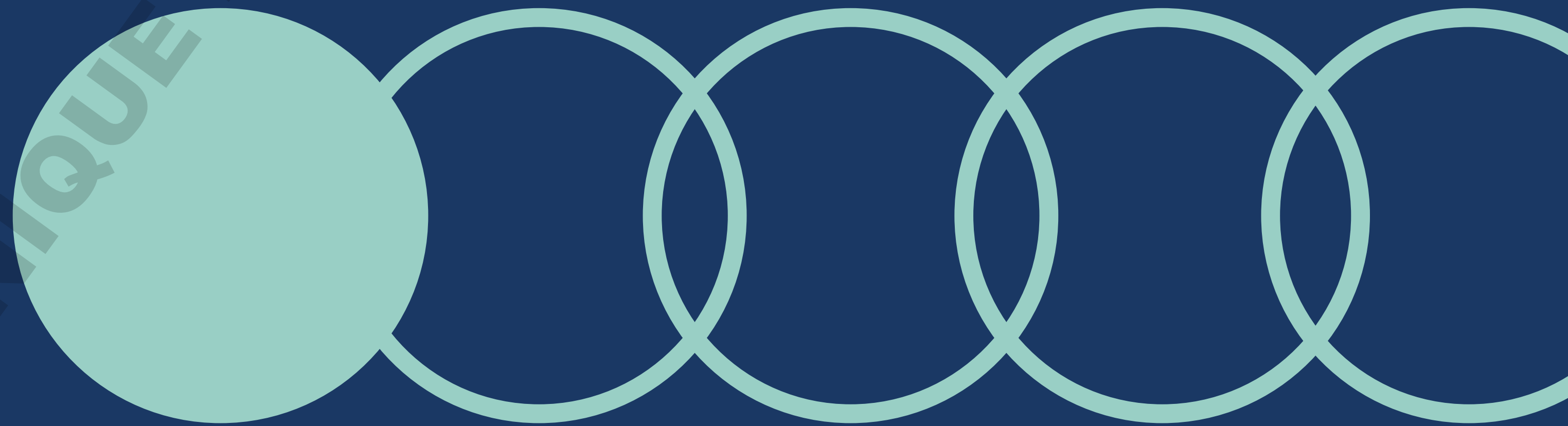


# Ficoll-Paque PREMIUM

Cell separation: pure and simple



DOMINIQUE DUTSCHER SAS



# Ficoll-Paque PREMIUM products

For over 40 years, Cytiva has been providing density gradient centrifugation media for the preparation of a wide variety of cell types and organelles used in research applications.

Developed from Ficoll-Paque™ PLUS, Ficoll-Paque PREMIUM products are available in a range of densities to suit your needs. These sterile, ready-to-use reagents can be used in clinical research and cell therapy manufacturing applications for the *in vitro* preparation of different density subsets of mononuclear cells from peripheral blood, umbilical cord blood, and bone marrow. They can also be incorporated into existing procedures where Ficoll-Paque PLUS is used. Mononuclear cell isolation can be automated and functionally closed by using Sepax™ technology (1, 2).

- Manufactured under a Quality Management System certified to ISO 13485
- Sterile, ready-to-use reagents for the preparation of mononuclear cells
- Easily transferable to existing protocols
- Low levels of endotoxin (< 0.12 EU/mL)







## Ficoll-Paque PREMIUM

The original Ficoll-Paque PREMIUM has a density of 1.077 g/mL and is optimized for the isolation of mononuclear cells from human peripheral blood. The medium can also be used for the isolation of human mononuclear cells from other sources, including bone marrow and umbilical cord blood.



## Ficoll-Paque PREMIUM 1.084

Ficoll-Paque PREMIUM 1.084 has a density of 1.084 g/mL and can be used for isolating higher-density human mononuclear cells, and for separating blood cells from mice or rats.



## Ficoll-Paque PREMIUM 1.073

Ficoll-Paque PREMIUM 1.073 has a density of 1.073 g/mL and can be used when isolating lower-density human mononuclear cells, for example mesenchymal stromal cells or monocytes.

## References

1. Richman, S. *et al.* Factors affecting the turnaround time for manufacturing, testing, and release of cellular therapy products prepared at multiple sites in support of multicenter cardiovascular regenerative medicine protocols – a Cardiovascular Cell Therapy Research Network (CCTRN) study. *Transfusion* **52**, 2225–2233 (2012).
2. Kaur, I. *et al.* Comparison of two methodologies for the enrichment of mononuclear cells from thawed cord blood products: The automated Sepax system versus the manual Ficoll method. *Cytotherapy* **19**, 433–439 (2017).

## Ordering information

Product	Pack size	Product code
Ficoll-Paque PREMIUM	6 × 100 mL	17544202
Ficoll-Paque PREMIUM	6 × 500 mL	17544203
Ficoll-Paque PREMIUM 1.084	6 × 100 mL	17544602
Ficoll-Paque PREMIUM 1.073	6 × 100 mL	17544652

Related products	Pack size	Product code
Ficoll-Paque PLUS	6 × 100 mL	17144002
Ficoll-Paque PLUS	6 × 500 mL	17144003
Ficoll™ PM400	100 g	17030010
Ficoll PM400	500 g	17030050
Ficoll PM400	5 kg	17030005
Ficoll PM400	40 kg	17030008

A Regulatory Support file (RSF) is available for Ficoll-Paque PREMIUM products. For information on how to order an RSF, please visit our Regulatory Support Web site at [cytiva.com/rsf](http://cytiva.com/rsf).

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