



BD Vacutainer® CPT™ For Mononuclear Cell Preparation

Solutions for life science researchers



BD Vacutainer® CPT™

Beyond the basics

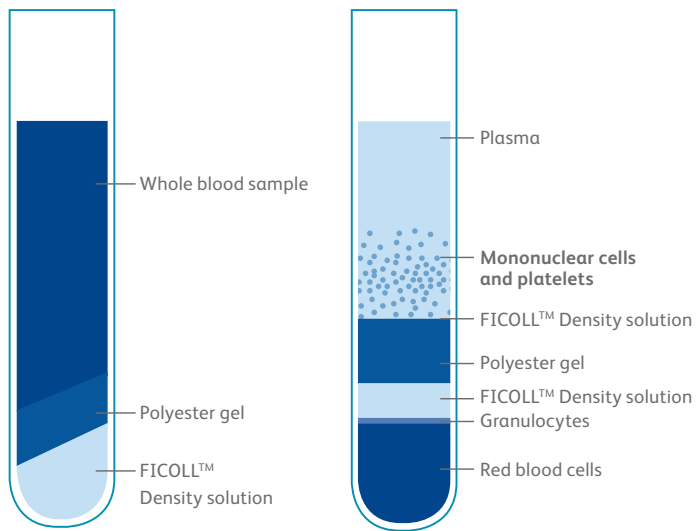
The BD Vacutainer® CPT™ tube, a mononuclear cell preparation tube which may be used in a variety of downstream applications commonly used in life science research.

It has been used by customers in conjunction with technologies such as flow cytometry, ELISpot and cell culture.

(An updated list of application-specific references is available at bit.ly/BDCPT)

Before centrifugation

After centrifugation



Mononuclear cell separation

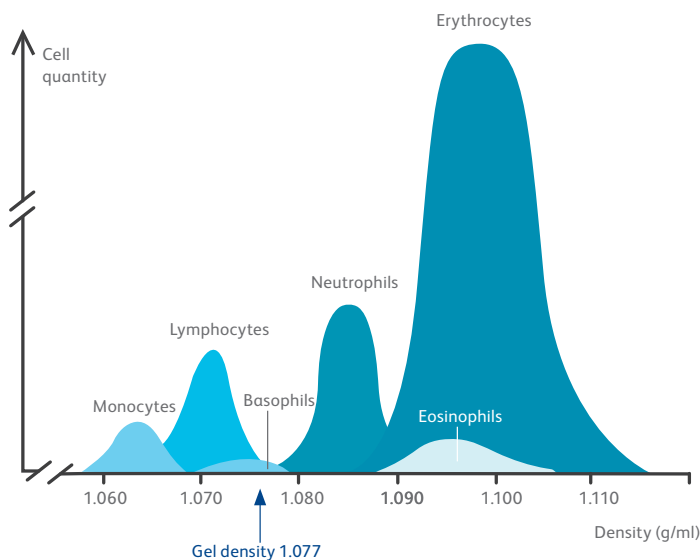
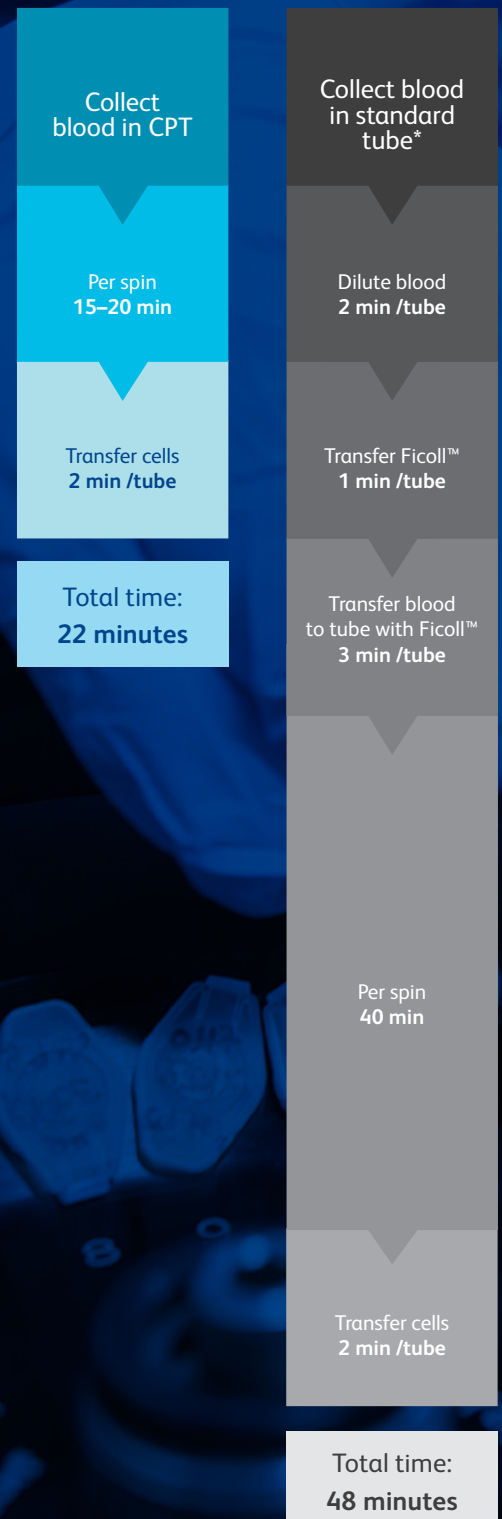


Diagram is to demonstrate where the BD CPT™ gel separates the mononuclear cells. For illustration purposes only.

Streamline workflow

Experience increased throughput not found with traditional methods.

The BD Vacutainer® CPT™ tube decreases the total time spent on each PBMC prep by >50% and reduces active labour time by approximately 6 minutes per tube, allowing more time to focus on the research, not the process.



*Sample workflow. Results may vary. Method is comparable to GE FICOLL™ methodology¹.

The value of simple processing

Simple and fast. Traditional Ficoll™ gradient processing methods may require considerable resources in time and skill. The BD Vacutainer® CPT™ for mononuclear cell preparation can enable consistent and repeatable results by minimising operator-dependant handling steps.

Vacutainer® CPT™: The Mononuclear Cell Preparation Tube

- Are ideal for operators of varying skill levels
 - Decreases the number of steps and complexity with peripheral blood mononuclear cell (PBMC) separation carried out in the primary blood collection tube
 - Does not require additional reagents or other consumables
- Streamline sample collection and processing
 - Reduces time required to process samples
- Are proven with downstream applications common in life science research
(An updated list of references is available at bit.ly/BDCPT)
- Reduce the risk of biohazard exposure



*Fully closed, **one-tube collection and processing** provides convenience and safety.*

Product information

Catalogue number	Draw Volume (mL)	Tube size (mm)	Additive	Separator	Tube Material	Label	Cap closure	Market status
362781	4.0	13 x 100	Sodium Citrate 0.45 mL 0.1M / 1.0 mL FICOLL™	Polyester Gel	Glass	Transparent	Conventional	IVD
362782	8.0	16 x 125*	Sodium Citrate 1.0 mL 0.1M / 2.0 mL FICOLL™	Polyester Gel	Glass	Transparent	Conventional	IVD
362780	8.0	16 x 125*	Sodium Heparin 132 USP units in 1 mL PBS / 2.0 mL FICOLL™	Polyester Gel	Glass	Transparent	Conventional	IVD

*Please note: These tubes are longer than conventional blood collection tubes. Please ensure that the tubes are free to swing when placing them into the centrifuge.

All tubes are supplied in boxes of 60

Ordering and technical information



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References: 1. GE Healthcare Life Sciences. Isolation of Mononuclear Cells: Methodology and Applications. Uppsala, Sweden: GE Healthcare Bio-Sciences AB; 2014.

Visit our website for more application-specific references.



Visit <http://bit.ly/BDCPT>



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