

## Quickstart Manual

### Required Products

Art. 535710 Filter Tubes with porose separation disk

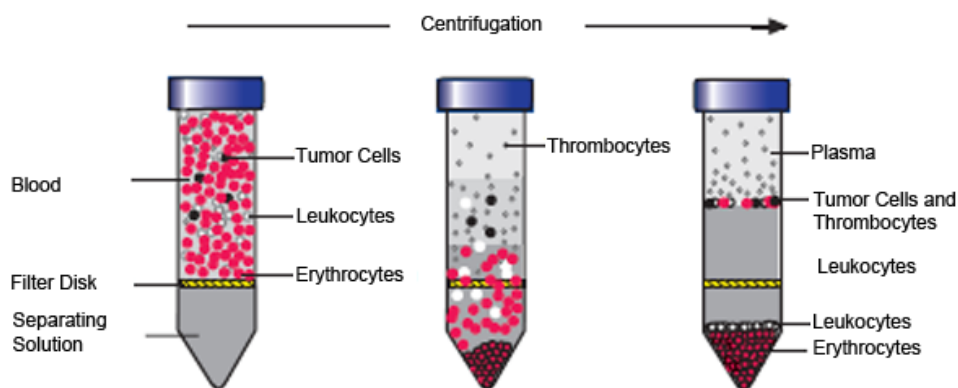
Art. L3 6115 Biocoll separating solution, density 1.077g/ml

**Field of Application:** The Rezisafe system is designed to separate mononuclear cells {MNC} or to enrich disseminated, circulating tumor cells from whole blood.

### Usage

To be performed at room temperature.

1. Pipette 16 ml Biocoll into the blood separation filter tube.
2. Centrifuge at 1000 G for 30 seconds at room temp.
3. Pour 15-30 ml freshly anticoagulated blood into the tube.  
The blood does not have to be diluted, but can be diluted directly in the tube with a balanced salt solution.
4. Centrifuge at 1000 G for 10 min. (or 800 G for 15 min.)
5. After centrifugation the sequence of the tube content will be as follows:  
Plasma - MNC - Biocoll - Filter - Biocoll - Erythrocytes.



6. MNC can be collected and transferred by a Pasteur pipette or directly poured to another tube.
7. Wash the MNC by adding 10 ml PBS and resuspend the cells by gentle aspiration with a pasteur pipette. Centrifuge at 250 G for 10 min. at room temperature
8. Repeat step twice, resuspending the pellet in 5 ml PBS.
9. The lymphocytes are now ready to be picked up and stored in cryogenic vials (Bioswisstec Product Nr. 535002 for 2ml Cryotube)

# Components of the „Rezisafe“-Kit



## Plastic Ware

Article	Description	Pcs./ bag	Pcs./ total	Price*
535710	Blood Separation Tube 50ml PP, sterile, with porose filter disk, cap HDPE, 30 x 115mm	25	25	185.-
50050	Centrifuge Tube 50ml PP, cap HDPE, conical, sterile, RNA/DNA free, RNase/DNase free, non-pyrogenic free, 30 x 115mm	25	50	45.-
505050	Cell-Chip counting chamber, Neubauer Improved Grid, 2 counts per chip	50	50	105.-
515225	Serological Pipette 25ml PS, individually wrapped, sterile	1	200	53.-
535002	Cryo Tube 2ml PP, with seal, sterile, fitting into all Bioswisstec cryogenic boxes and racks	100	100	30.-
535055t	Cryo Box 9x9 PP, for 81 cryo tubes, transparent, fitting into all box carriers and freezers	10	10	65.-

The average **competitor price** for 25 Blood Separation Tubes is **CHF 1125.-**

## Reagents

Article	Description	Amount/ Unit	Price*
L3 6115	Biocoll Separating Solution, density 1.077 g/ml, isotonic	500 ml	111.50
L3 6135	Percoll Separating Solution, density 1.077 g/ml, isotonic	500 ml	223.30
L3 6715	Biocoll Separating Solution, density 1.077 g/ml, buffered with 10mM HEPES	500 ml	111.50
L3 1820	PBS Solution without Ca <sup>2+</sup> , Mg <sup>2+</sup>	500 ml	20.50

Total Price\*: CHF 926.-

This „Rezisafe“ - Kit is exclusively intended for research purposes and must not be used for diagnostic applications.

\* All prices in CHF, ex works Schaffhausen, excl. VAT 8% Switzerland / UST 19% Germany

The total price will consist of: products costs, delivery costs and tax