



# MACSprep™ HLA Cell Isolation Kits

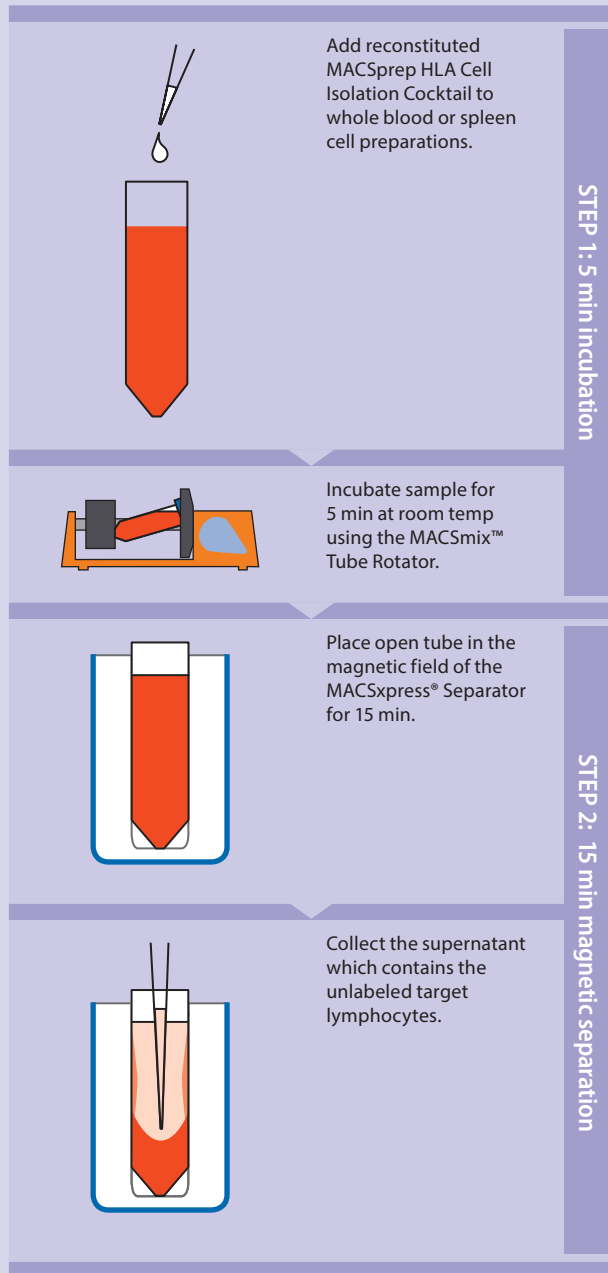
## Quick and simple isolation of B and T cells

Enrichment of cells for CDC (complement dependent cytotoxicity) research can be exceedingly time consuming or result in co-enrichment of unwanted or non-viable cells. Miltenyi Biotec has developed a fast and convenient 2-step method for enrichment of viable lymphocyte subsets directly from whole blood and spleen.

- Pure viable lymphocytes in only 20 minutes
- Isolation of B, T, or B and T lymphocytes in parallel
- Easy two-step protocol at room temperature
- Untouched isolation directly from whole blood or spleen cell suspensions
- No density gradient centrifugation
- Isolated cells are immediately ready for downstream HLA research

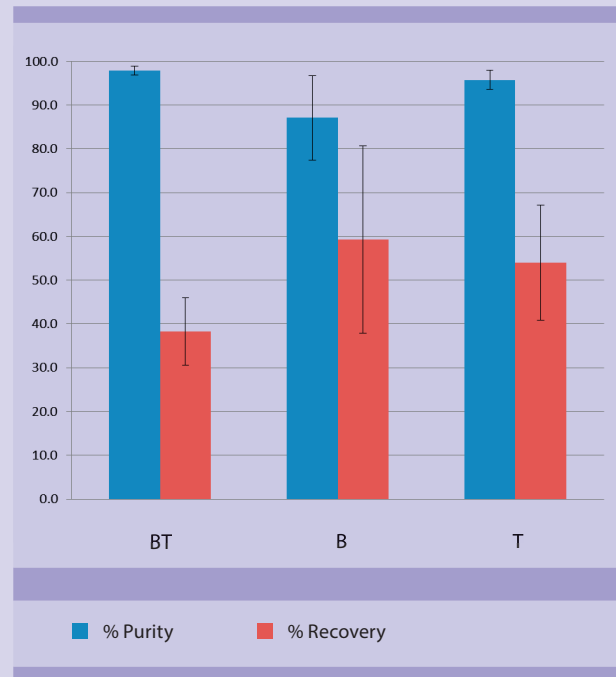
## How it works

MACSprep™ HLA Cell Isolation Kits allow the untouched isolation of human lymphocytes from anticoagulated whole blood or spleen. Non-target cells are removed by immunomagnetic depletion while erythrocytes are sedimented, yielding viable untouched target cells of high purity.



## Excellent performance

With the MACSprep HLA Cell Isolation Kits purities up to 97% can be achieved.



**Figure 1: Reliable performance with MACSprep HLA Cell Isolation Kits.** B and T cells (BT), B, or T cells were isolated from 20 different donors using the MACSprep HLA Cell Isolation Kits. Purities and recoveries were assessed by flow cytometry using the MACSQuant® Analyzer.

## Ordering information

Product	Capacity	Order no.
MACSprep HLA T Cell Isolation Kit, human*	5×5 mL whole blood	130-110-128
	5×20 mL whole blood	130-110-441**
MACSprep HLA B Cell Isolation Kit, human*	5×5 mL whole blood	130-110-130
	5×20 mL whole blood	130-110-440**
MACSprep HLA B/T Cell Isolation Kit, human*	5×5 mL whole blood	130-110-129
	5×20 mL whole blood	130-110-439**

\* MACSprep HLA Cell Isolation Kits are for research use only.  
\*\*Coming soon!



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